

# Sikacrete-630 Fire+

## PRESTANDADECLARATION

### No. 20537727

|    |                                                                   |                                                                                 |
|----|-------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1  | PRODUKTTYPENS UNIKA IDENTIFIKATIONSKOD:                           | 20537727                                                                        |
| 2  | AVSEDD ANVÄNDNING/<br>AVSEDDA ANVÄNDNINGAR:                       | EAD 350454-00-1104:2017<br>Fire Stopping and Sealing Product: Penetration Seals |
| 3  | TILLVERKARE:                                                      | Sika Services AG<br>Tüffenwies 16-22<br>8064 Zürich                             |
| 4  | TILLVERKARENS REPRESENTANT:                                       | -                                                                               |
| 5  | SYSTEM FÖR BEDÖMNING<br>OCH FORTLÖPANDE KONTROLL<br>AV PRESTANDA: | System 1                                                                        |
| 6b | EUROPEISKT<br>BEDÖMNINGSDOKUMENT:                                 | EAD 350454-00-1104:2017                                                         |
|    | Europeisk teknisk bedömning:                                      | ETA-21/1033 of 2021/11/25                                                       |
|    | Tekniskt bedömningsorgan:                                         | ETA-DANMARK A/S                                                                 |
|    | Notified body/ies:                                                | 2531                                                                            |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver 1

1549

## 7 DECLARED PERFORMANCE/S

| Essential Characteristics                                | Performance                                                         | AVCP     | Harmonised Technical Specification |
|----------------------------------------------------------|---------------------------------------------------------------------|----------|------------------------------------|
| Reaction to fire                                         | Class A1                                                            | System 1 | EAD 350454-00-1104:2017            |
| Resistance to fire                                       | Annex A                                                             | System 1 |                                    |
| Air permeability                                         | Annex B                                                             | System 1 |                                    |
| Water permeability                                       | NPD                                                                 | System 1 |                                    |
| Content, emission and/or release of dangerous substances | NPD                                                                 | System 1 |                                    |
| Mechanical resistance and stability                      | Suitable for use in walls and floors in Zone Types I, II, III & IV* | System 1 |                                    |
| Resistance to impact/movement                            |                                                                     | System 1 |                                    |
| Adhesion                                                 |                                                                     | System 1 |                                    |
| Durability                                               | Z2                                                                  | System 1 |                                    |
| Airborne sound insulation at 25 mm depth                 | Rw 48 (-1;-3) dB                                                    | System 1 |                                    |
| Thermal properties                                       | NPD                                                                 | System 1 |                                    |
| Water vapour permeability                                | NPD                                                                 | System 1 |                                    |

\*) at dimensions up to 2.4 and with soft and hard body impact

### 2.4 Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): EAD 350454-00-1104

The system Sikacrete-630 Fire+ may be used to seal apertures in the separating element up to 2400 mm wide by 1200 mm high in a wall, and 2400 mm by 1200 mm in a floor. The additional sizes that are permitted in floors are:

| Width (mm) | Length (mm)  |
|------------|--------------|
| 1100       | 2900         |
| 1000       | 4000         |
| 900        | 7000         |
| ≤ 800      | ∞ (infinite) |

The minimum permitted separation between adjacent seals/apertures is 200 mm. Services within the system Sikacrete-630 Fire+ seal do not require a minimum separation, except where specifically detailed in Annex A.

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver 1  
1549

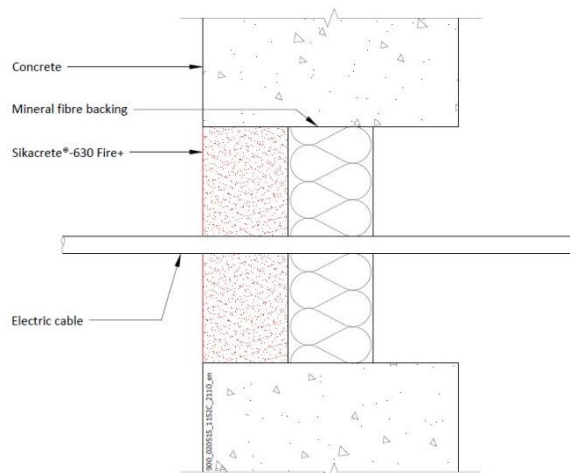
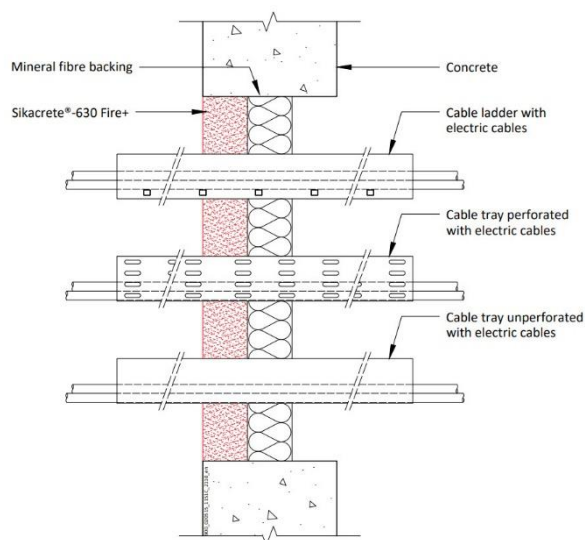
## ANNEX A – RESISTANCE TO FIRE CLASSIFICATION – SIKACRETE-630 FIRE+

### A.1 Rigid wall constructions according to 1.2.1 with wall thickness of minimum 150 mm

#### A.1.1 Cable penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ to either side of the wall (or at any position in between), backed with min. 50 mm stone wool board min. 150 kg/m<sup>3</sup>.

Construction details:



#### A.1.1.1 Single side penetration seal with cables

| Services                                                                  | Maximum aperture | Classification                             |
|---------------------------------------------------------------------------|------------------|--------------------------------------------|
| None (blank)                                                              | As section 2. 4) | E 180, EI 120                              |
| Single electrical cables up to 21 mm Ø                                    |                  | E 180, EI 60                               |
| Single electrical cables up to 21 mm Ø                                    | 80 x 80 mm       | E 240, EI 60                               |
| Electrical cables up to 21 mm Ø (single, bundled and on trays)            | As section 2. 4) | E 180, EI 60                               |
| Electrical cables up to 50 mm Ø (single, bundled and on trays)            |                  | E 180, EI 45                               |
| Electrical cables up to 80 mm Ø (single, bundled and on trays)            |                  | E 120, EI 45                               |
| Telecommunication cables up to 21 mm Ø (single or bundles up to 100 mm Ø) |                  | E 180, EI 90                               |
| Steel cable trays & ladders                                               |                  | E 180, EI 60                               |
| Non-sheathed wires up to 17 mm Ø                                          |                  | E 180, EI 45                               |
| Non-sheathed wires up to 24 mm Ø                                          |                  | E 180, EI 30                               |
| Copper conduits up to 16 mm Ø                                             |                  | E 180 C/U, EI 30 C/U                       |
| Steel conduits up to 16 mm Ø                                              |                  | E 180 C/U, EI 60 C/U                       |
| PVC conduits up to 16 mm Ø                                                |                  | E 180 C/U, E 180 C/C, EI 60 C/U, EI 60 C/C |

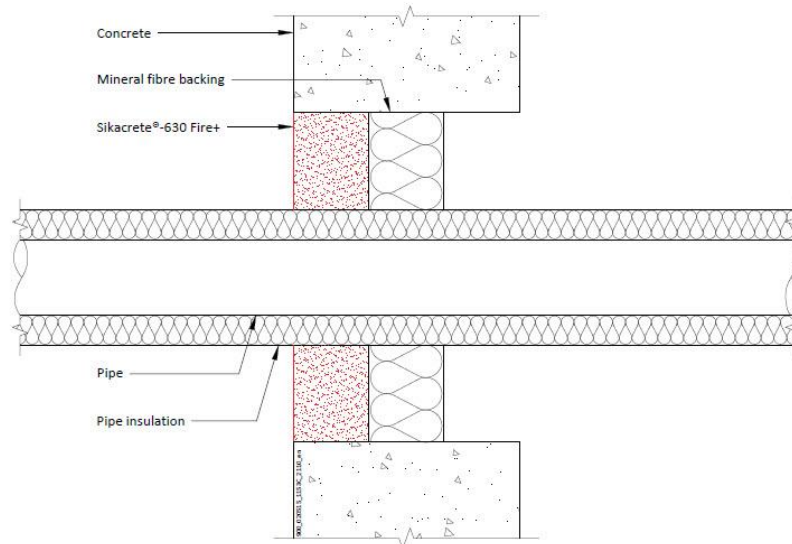
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver 1  
1549

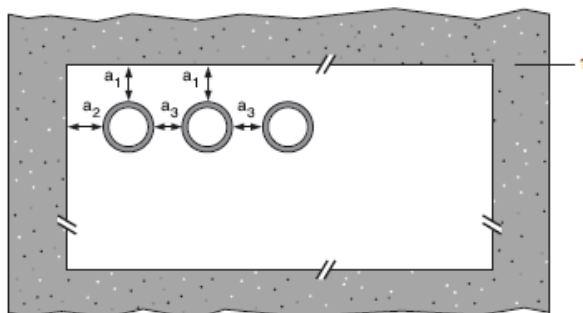
### A.1.2 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between), backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>.

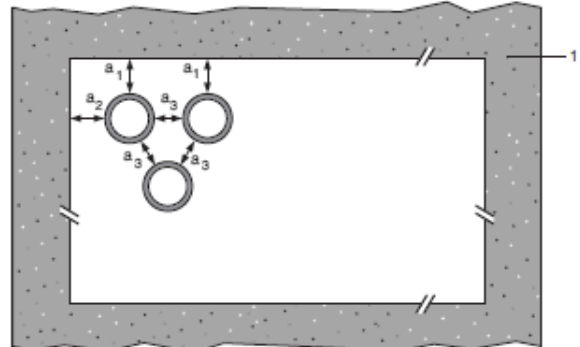
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

#### A.1.2.1 Single side penetration seal with pipes

| Services                                    | Maximum aperture    | Insulation                                    | Classification       |
|---------------------------------------------|---------------------|-----------------------------------------------|----------------------|
| Steel pipes 219 diameter/<br>5-14.2 mm wall | As section<br>2. 4) | 30 mm stone wool<br>min. 80 kg/m <sup>3</sup> | E 120 C/U, EI 90 C/U |

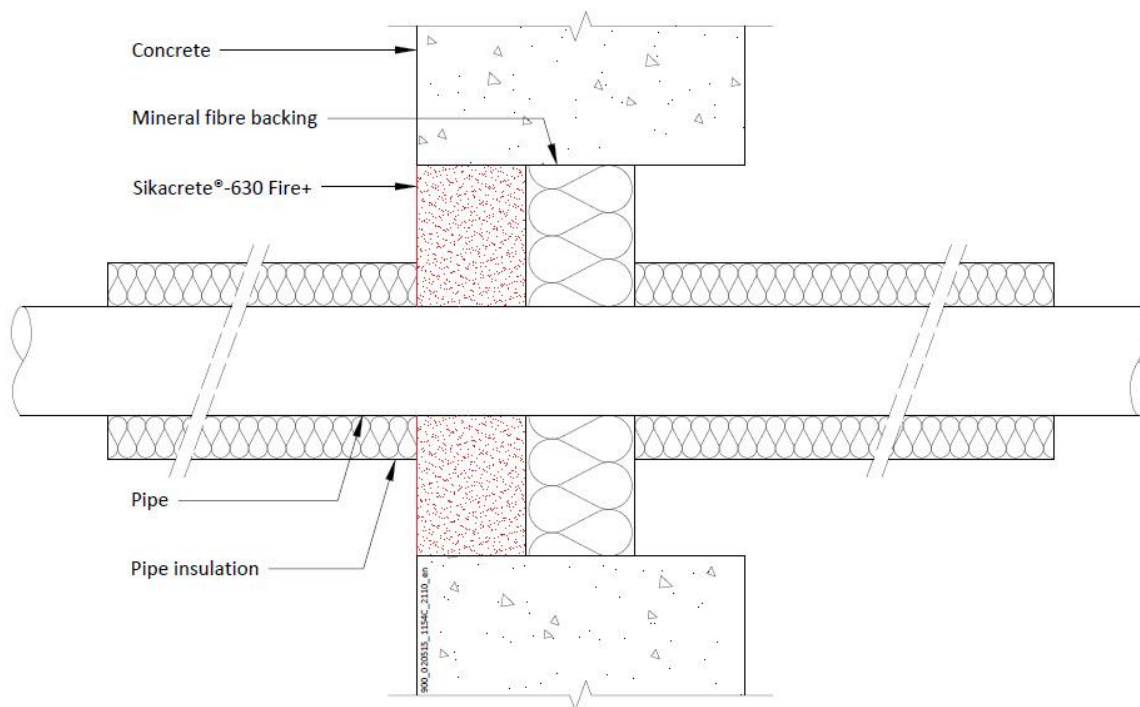
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

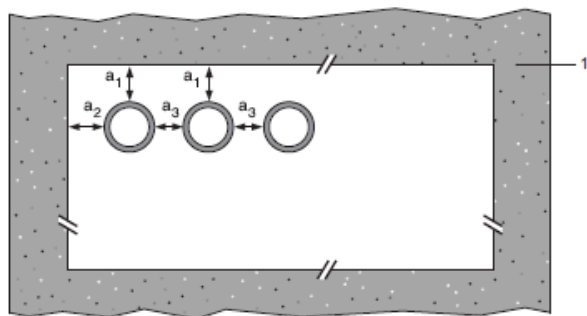
### A.1.3 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic and composite pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between), backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>).

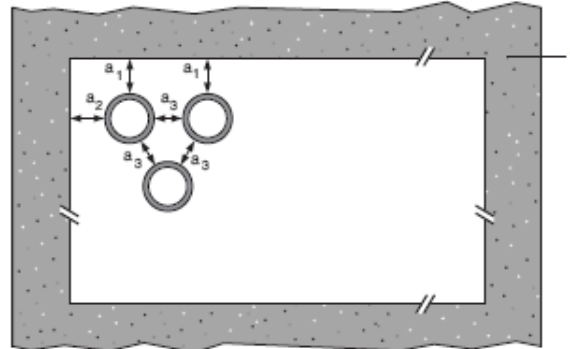
Construction details:



**Configuration 1**



**Configuration 2**



#### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.1.3.1 Single side penetration seal with pipes

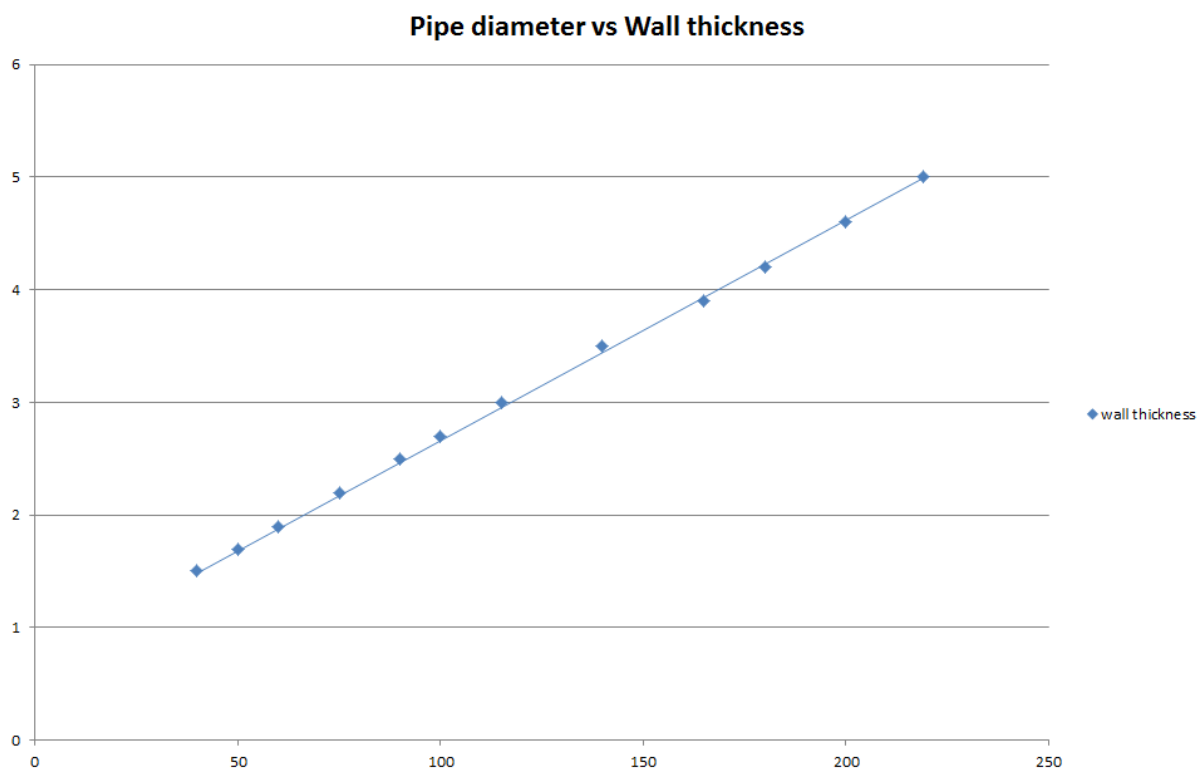
| Services                                                      | Maximum aperture | Insulation, minimum length, thickness and density               | Classification        |
|---------------------------------------------------------------|------------------|-----------------------------------------------------------------|-----------------------|
| Copper or steel pipes up to 12 mm diameter/<br>0.9-5 mm wall  | 70 x 70 mm       | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | EI 240 C/C            |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | 115 x 115 mm     | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | E 240 C/C, EI 120 C/C |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | As section 2. 4) | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | E 180 C/C, EI 120 C/C |
| 75 mm Alupex composite pipes with 7.5 mm wall                 |                  | 600 mm long, 32 mm Elastomeric insulation minimum class B-s3,d0 | EI 60 C/C             |

| Services                           | Maximum aperture | Insulation, minimum length, thickness and density              | Classification        |
|------------------------------------|------------------|----------------------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                  |                                                                |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | 100 x 100 mm     | 1000 mm long, 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   | As section 2. 4) |                                                                | E 180 C/U, EI 120 C/U |
| 40 mm diameter/1.5-14.2 mm wall*   |                  | 1000 mm long, 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 120 C/U, EI 90 C/U  |
| 50 mm diameter/1.7-14.2 mm wall*   |                  |                                                                |                       |
| 60 mm diameter/1.9-14.2 mm wall*   |                  |                                                                |                       |
| 75 mm diameter/2.2-14.2 mm wall*   |                  |                                                                |                       |
| 90 mm diameter/2.5-14.2 mm wall*   |                  |                                                                |                       |
| 100 mm diameter/2.7-14.2 mm wall*  |                  |                                                                |                       |
| 115 mm diameter/3-14.2 mm wall*    |                  |                                                                |                       |
| 140 mm diameter/3.5-14.2 mm wall*  |                  |                                                                |                       |
| 165 mm diameter/ 3.9-14.2 mm wall* |                  |                                                                |                       |
| 180 mm diameter/ 4.2-14.2 mm wall* |                  |                                                                |                       |
| 200 mm diameter/ 4.6-14.2 mm wall* |                  |                                                                |                       |
| 219 mm diameter/ 5.0-14.2 mm wall* |                  |                                                                |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549



**Declaration of Performance**

Sikacrete-630 Fire+

20537727

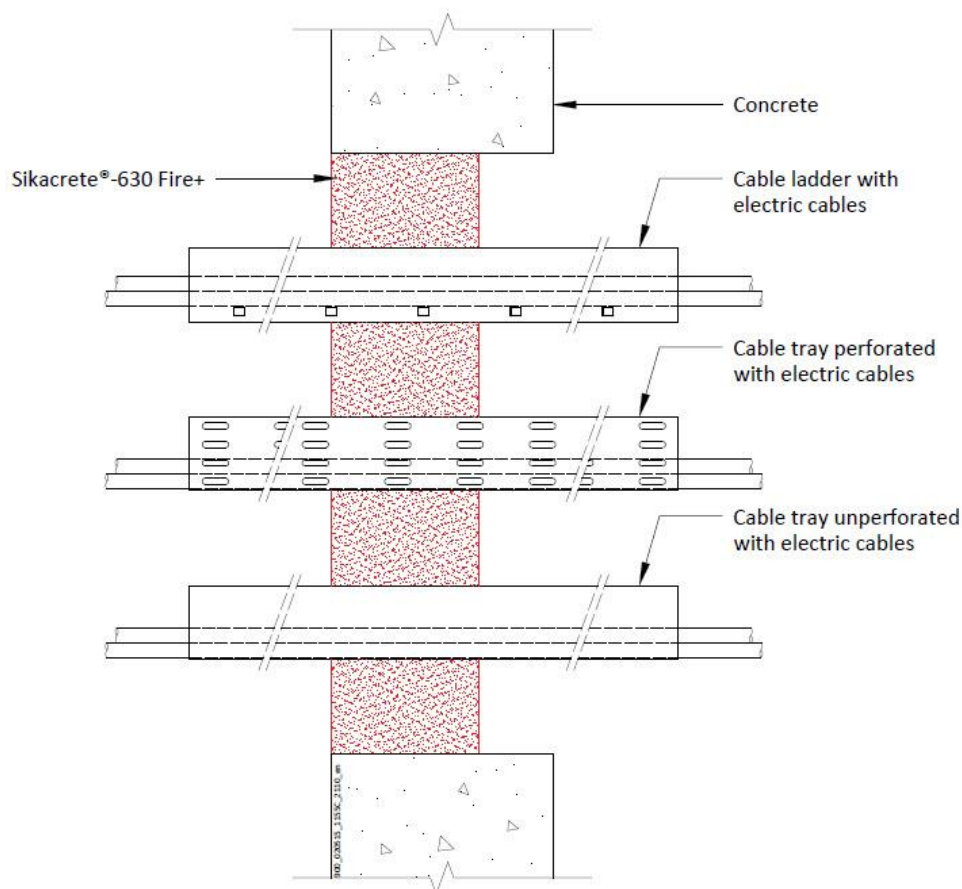
2025.01, ver. 1

1549

#### A.1.4 Cable penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall (or at any position in between).

Construction details:



##### A.1.4.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 240                 |
| Electrical cables up to 21 mm Ø (single, bundled and on trays) |                  | E 240, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  |                        |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | EI 120                 |
| Steel cable trays & ladders                                    |                  | E 120, EI 60           |
| Non-sheathed cables up to 24 mm Ø                              |                  |                        |
| Copper conduits up to 16 mm Ø                                  |                  | E 180 C/U, EI 30 C/U   |
| Steel conduits up to 16 mm Ø                                   |                  | E 180 C/U, EI 60 C/U   |
| PVC conduits up to 16 mm Ø                                     |                  | EI 240 C/U, EI 240 C/C |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

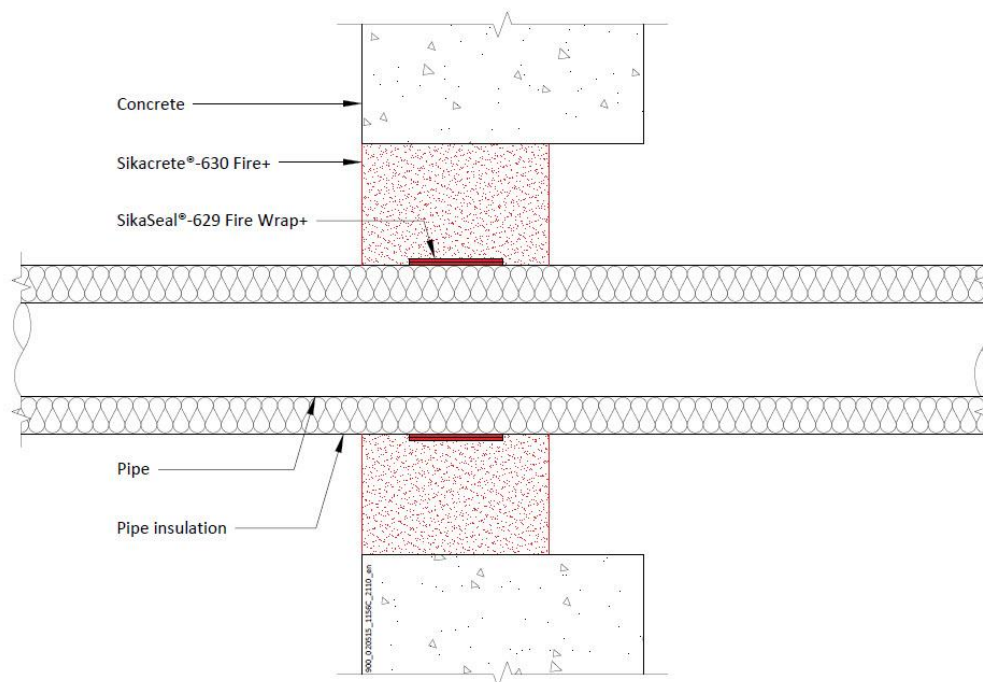
2025.01, ver. 1

1549

### A.1.5 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall. SikaSeal-629 Fire Wrap+ are required to be centrally within the seal for pipes with combustible insulation. Maximum seal size as section 2. 4).

Construction details:



#### A.1.5.1 Single side penetration seal with pipes

| Services                          | Wrap                                                              | Insulation                                                          | Classification       |
|-----------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                                                                   |                                                                     |                      |
| 40 mm diameter/1.5-14.2 mm wall   | 1 off 50 x 3.6mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0     | EI 240 C/U           |
| 165 mm diameter/4.5-14.2 mm wall  |                                                                   | 9 mm Elastomeric<br>insulation<br>minimum class B-<br>s3,d0         | E 240 C/U, EI 30 C/U |
| 40 mm diameter/1.5-14.2 mm wall*  | 1 off 50 x 1.8mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13 -19 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0 | E 240 C/U, EI 60 C/U |
| 50 mm diameter/1.6-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 60 mm diameter/1.7-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 75 mm diameter/1.9-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 90 mm diameter/2-14.2 mm wall*    |                                                                   |                                                                     |                      |
| 100 mm diameter/2.1-14.2 mm wall* |                                                                   |                                                                     |                      |
| 115 mm diameter/2.3-14.2 mm wall* |                                                                   |                                                                     |                      |
| 140 mm diameter/2.6-14.2 mm wall* |                                                                   |                                                                     |                      |
| 165 mm diameter/2.8-14.2 mm wall* |                                                                   |                                                                     |                      |

#### Declaration of Performance

Sikacrete-630 Fire+

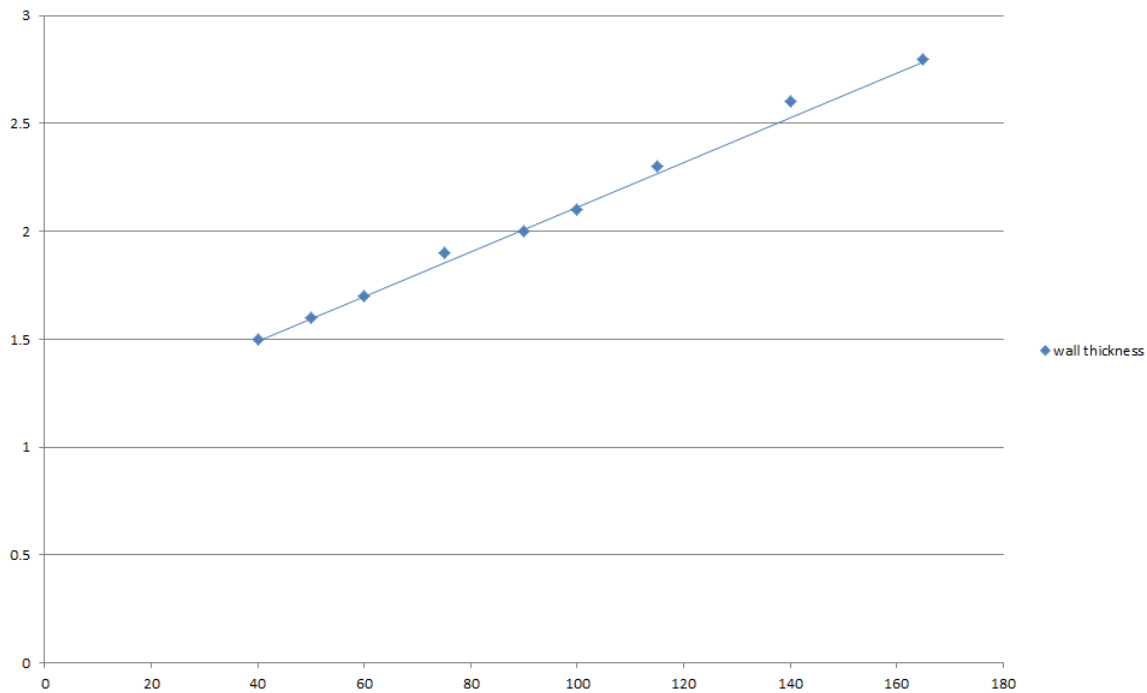
20537727

2025.01, ver. 1

1549

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



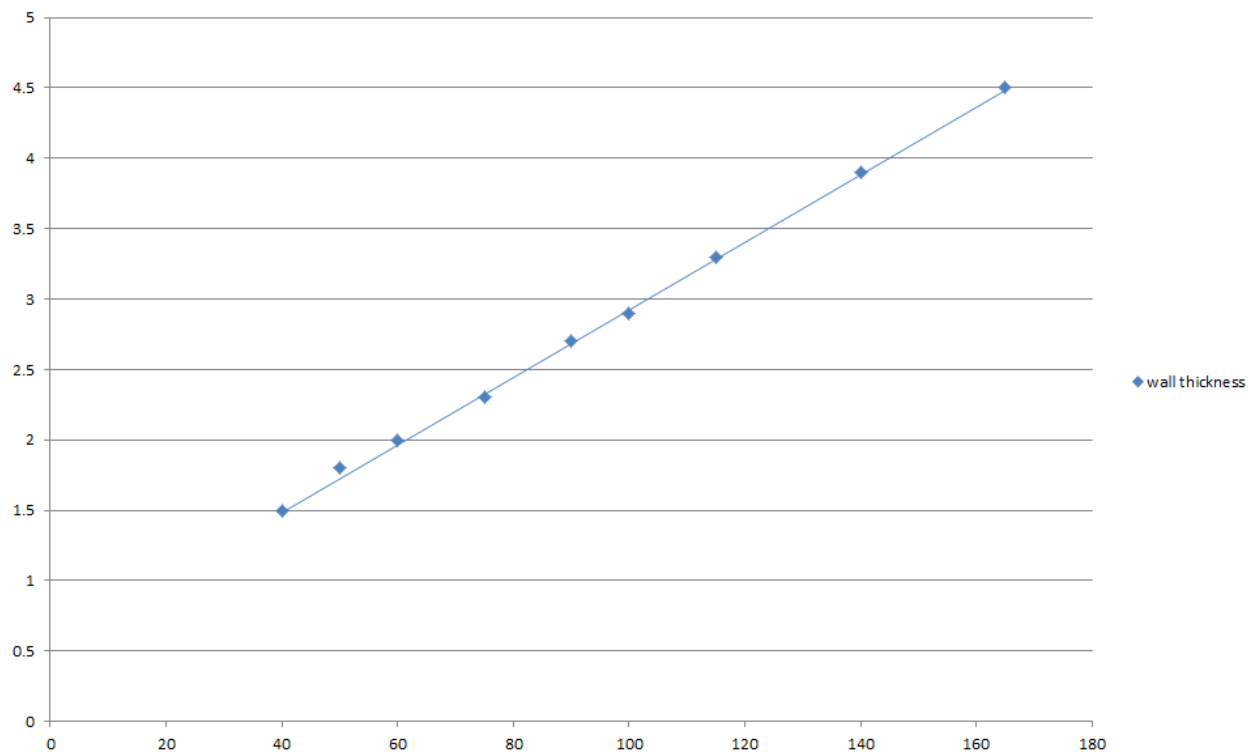
| Services                          | Wrap                                                              | Insulation                                                         | Classification              |
|-----------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------|
| Mild or stainless steel pipes     |                                                                   |                                                                    |                             |
| 40 mm diameter/1.5-14.2 mm wall*  | 1 off 50 x 3.6mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13-25 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0 | <b>E 180 C/U, EI 60 C/U</b> |
| 50 mm diameter/1.8-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 60 mm diameter/2-14.2 mm wall*    |                                                                   |                                                                    |                             |
| 75 mm diameter/2.3-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 90 mm diameter/2.7-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 100 mm diameter/2.9-14.2 mm wall* |                                                                   |                                                                    |                             |
| 115 mm diameter/3.3-14.2 mm wall* |                                                                   |                                                                    |                             |
| 140 mm diameter/3.9-14.2 mm wall* |                                                                   |                                                                    |                             |
| 165 mm diameter/4.5-14.2 mm wall* |                                                                   |                                                                    |                             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

Pipe diameter vs Wall thickness



**Declaration of Performance**

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

11/189

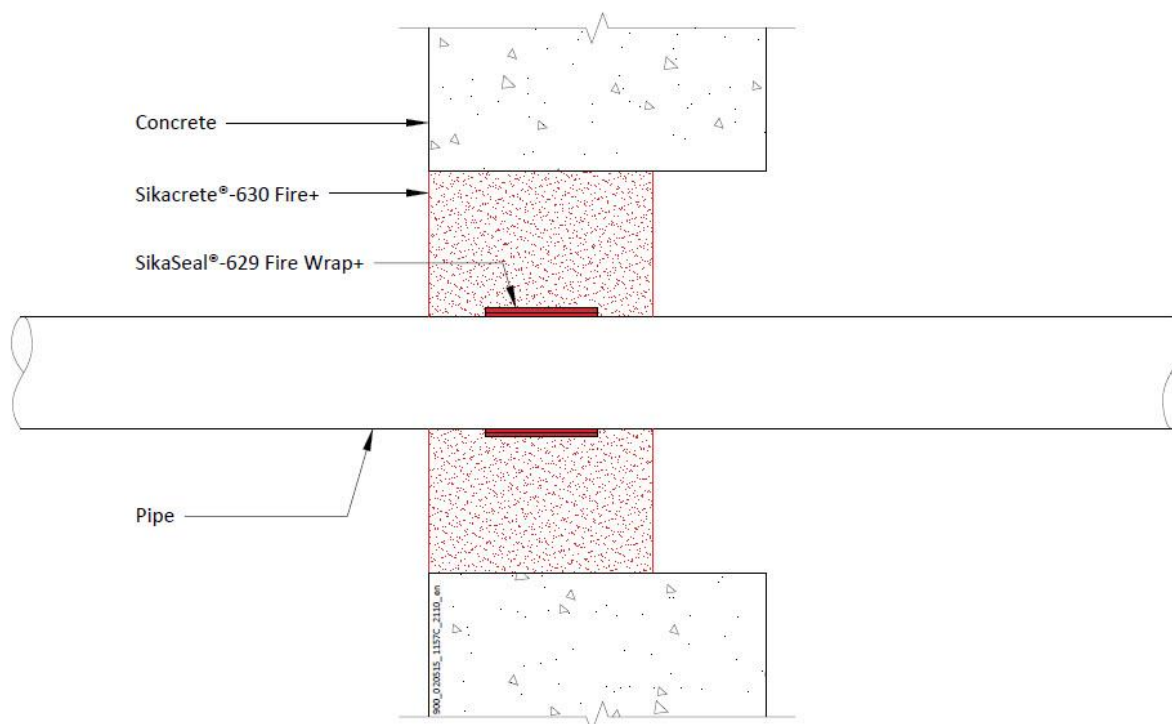
**BUILDING TRUST**



### A.1.6 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** plastic pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall. SikaSeal-629 Fire Wrap+ are required to be centrally within the seal. Maximum seal size as section 2. 4).

Construction details:



#### A.1.6.1 Single side penetration seal with pipes

| Services                                                                                  | Wrap                                                     | Insulation | Classification |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------|------------|----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1, PVC-C according to EN 1566-1 |                                                          |            |                |
| 315 mm diameter/9.2 mm wall                                                               | 1 off 75 x 18 mm SikaSeal-629 Fire Wrap+, fitted central | None       | EI 120 C/C     |

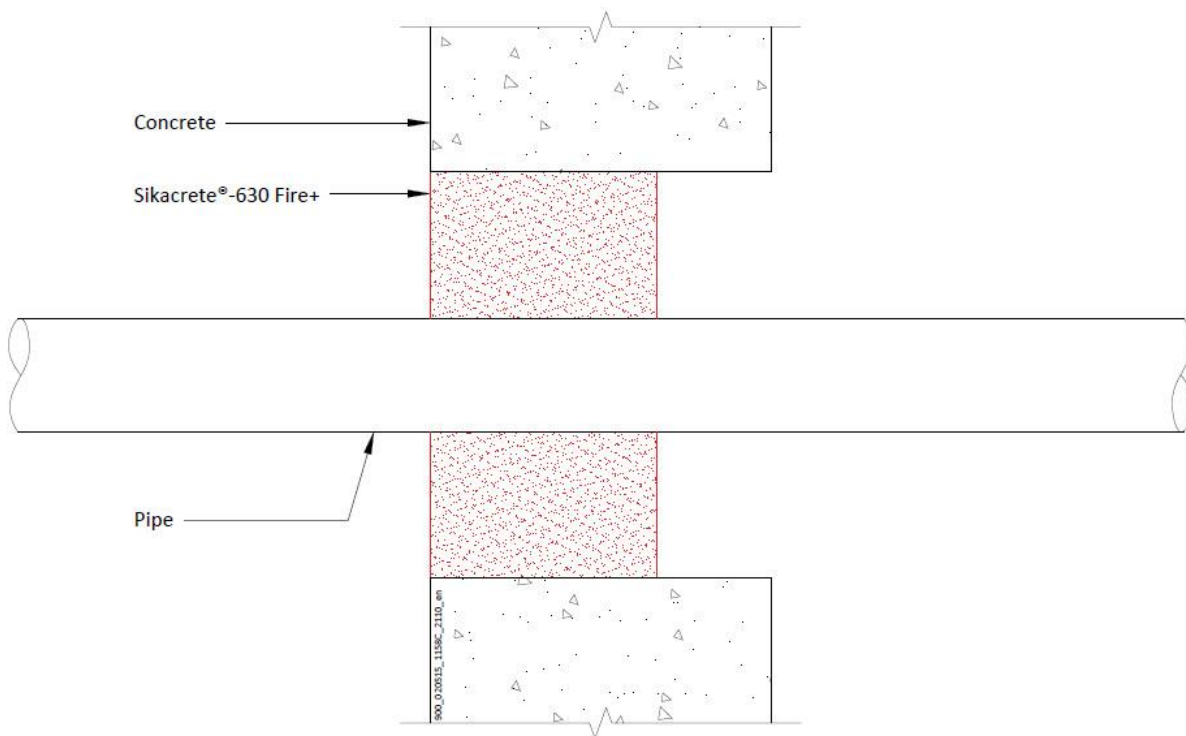
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

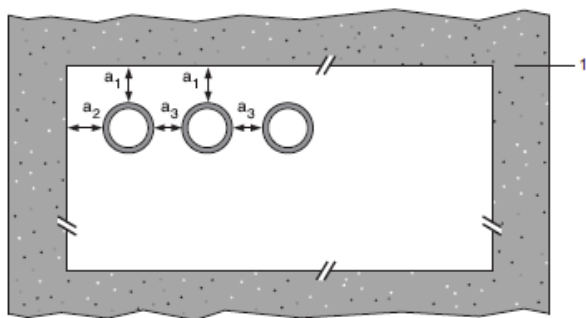
### A.1.7 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Combustible pipes sealed with Sikacrete-630 Fire+, to either side of the wall. Minimum separation between pipes of 30 mm ( $a_3$ ) and from seal edges 30 mm ( $a_1$  &  $a_2$ ). Maximum seal size as section 2. 4).

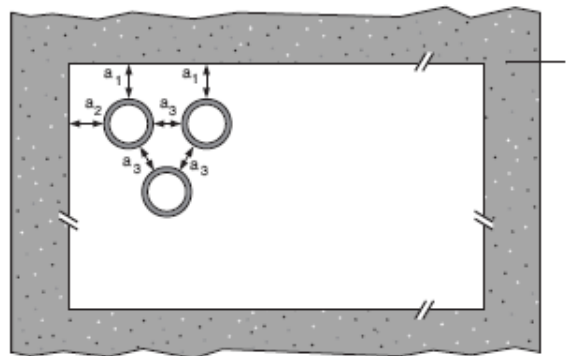
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.1.7.1 Single side penetration seal with pipes

| Services                                                                                                                                                   | Seal Depth,<br>minimum | Permitted configuration<br>for seal separation | Classification  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1^, PVC-C according to EN 1566-1                                                                 |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.6 – 2.4 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1 <sup>§</sup> , ABS according to EN 1455-1 and pipes made<br>from SAN+PVC according to EN 1565-1 |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.8 – 3.0 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |
| PP pipes according to EN 1852-1: 2009                                                                                                                      |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.9 – 4.4 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |

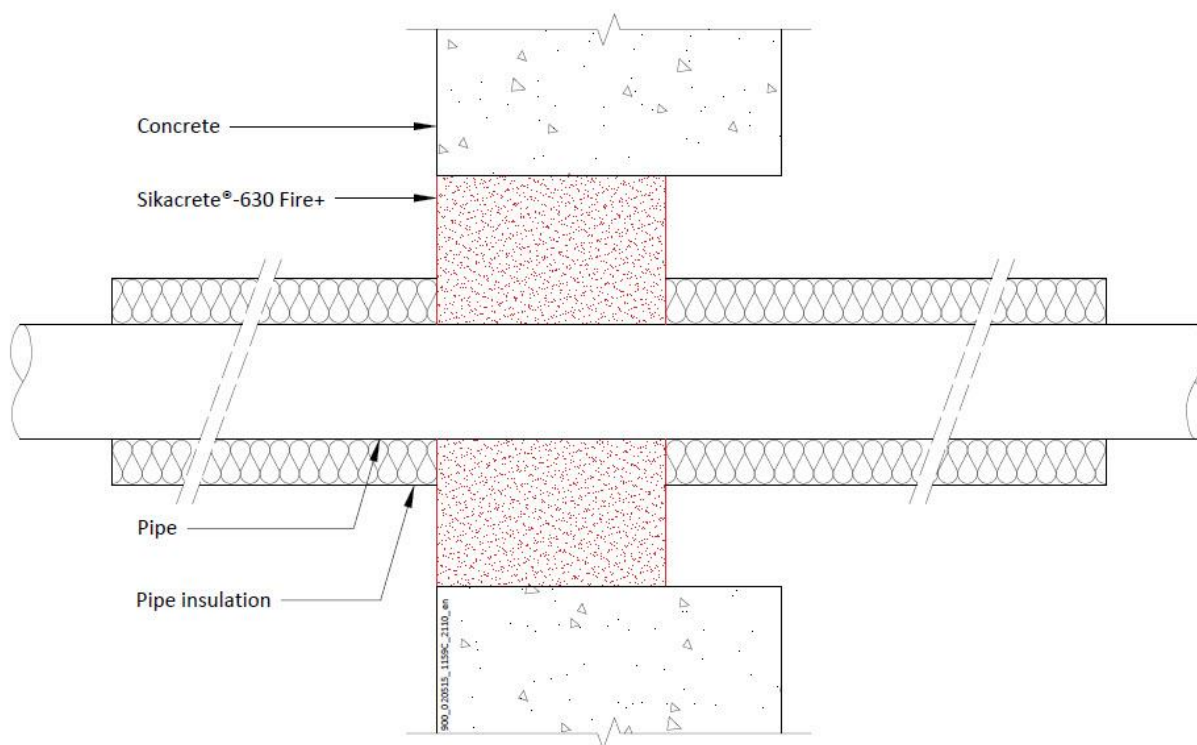
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

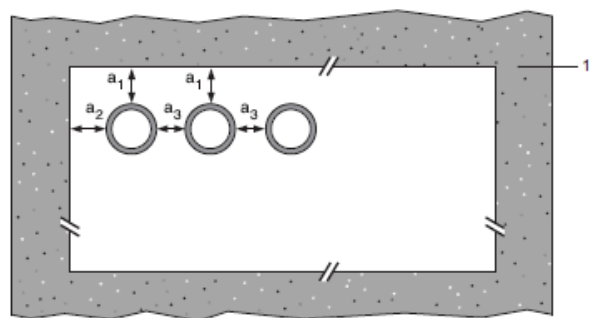
### A.1.8 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** 1000 mm (min.) LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic pipes fitted at any position within the aperture (min. separation 20 mm from seal edges, with min. 100 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between))

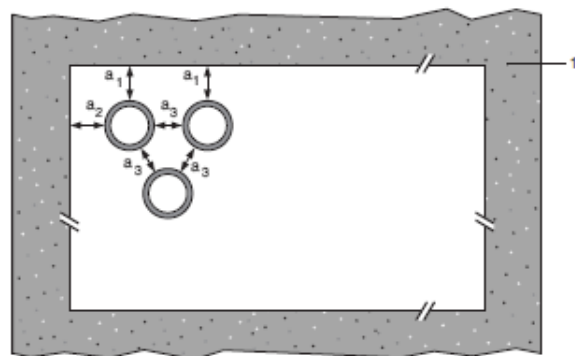
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

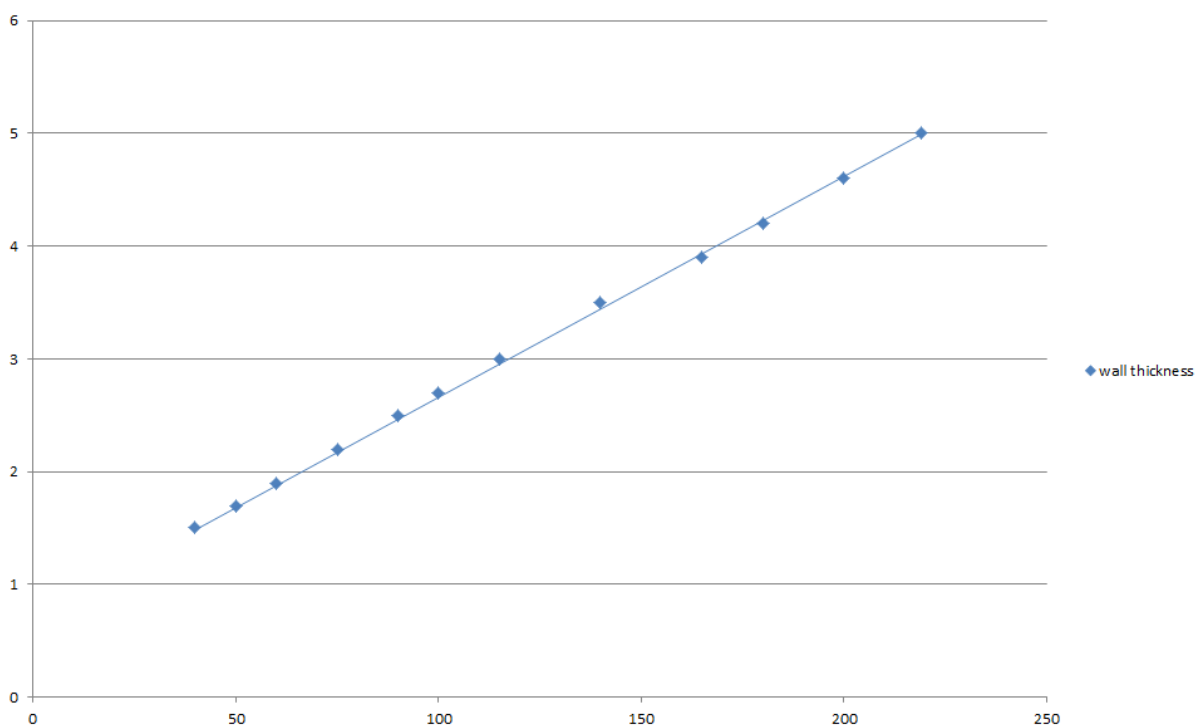
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.1.8.1 Single side penetration seal with pipes

| Services                           | Maximum aperture | Insulation, minimum thickness and density        | Classification        |
|------------------------------------|------------------|--------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                  |                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | As section 2. 4) | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 120 C/U |
| 50 mm diameter/1.7-14.2 mm wall*   |                  |                                                  |                       |
| 60 mm diameter/1.9-14.2 mm wall*   |                  |                                                  |                       |
| 75 mm diameter/2.2-14.2 mm wall*   |                  |                                                  |                       |
| 90 mm diameter/2.5-14.2 mm wall*   |                  |                                                  |                       |
| 100 mm diameter/2.7-14.2 mm wall*  |                  |                                                  |                       |
| 115 mm diameter/3-14.2 mm wall*    |                  |                                                  |                       |
| 140 mm diameter/3.5-14.2 mm wall*  |                  |                                                  |                       |
| 165 mm diameter/ 3.9-14.2 mm wall* |                  |                                                  |                       |
| 180 mm diameter/ 4.2-14.2 mm wall* |                  |                                                  |                       |
| 200 mm diameter/ 4.6-14.2 mm wall* |                  |                                                  |                       |
| 219 mm diameter/ 5.0-14.2 mm wall* |                  |                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



### Declaration of Performance

Sikacrete-630 Fire+

20537727

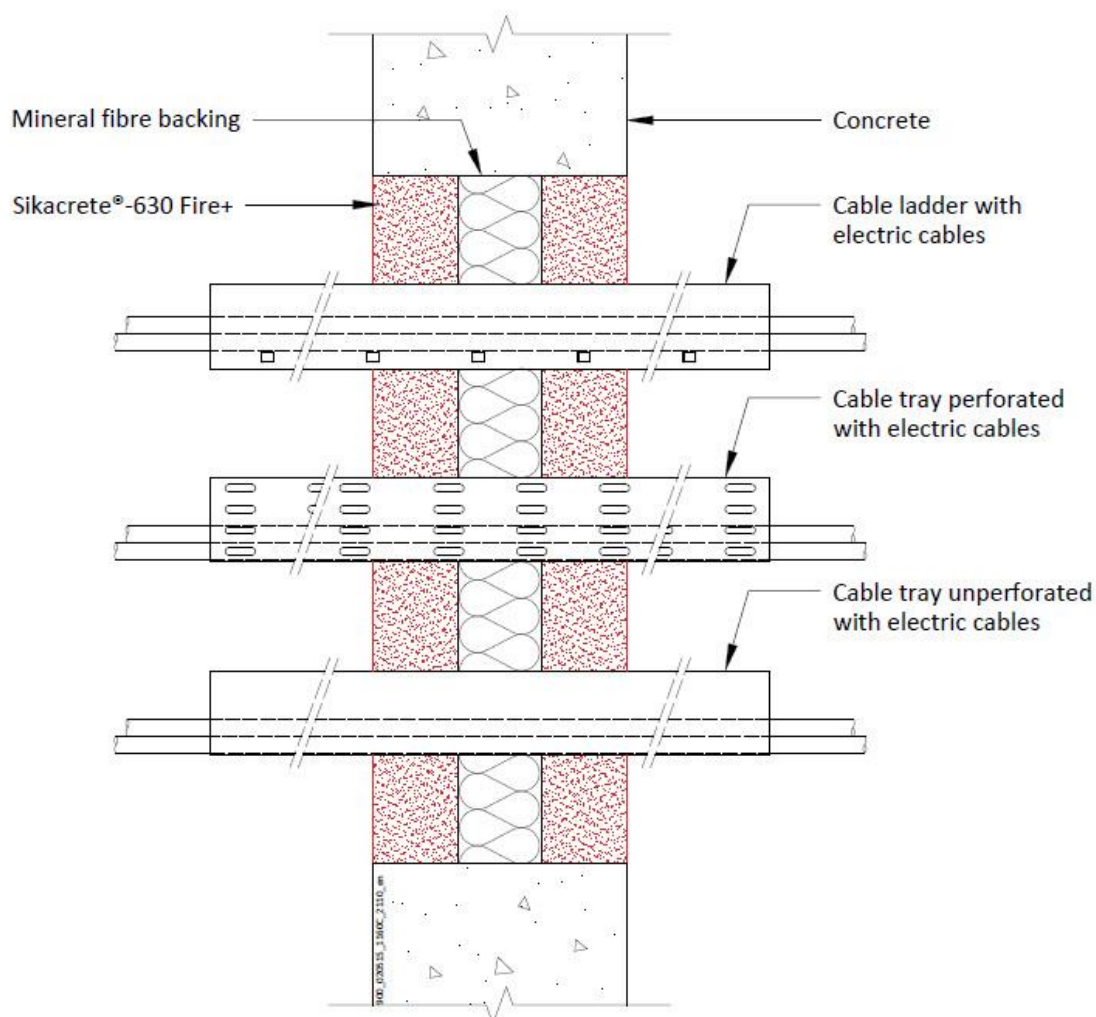
2025.01, ver. 1

1549

### A.1.9 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ to both faces

**Penetration Seal:** Cables fitted with Sikacrete-630 Fire+ to both sides of the wall, backed with stone wool insulation board min. 150kg/m<sup>3</sup>. Maximum seal size as section 2. 4) and minimum separation between cables and the edge of the seal of 30 mm.

Construction details:



#### A.1.9.1 Single side penetration seal with pipes

| Services                                                                          | Mortar depth | Backing                                          | Insulation | Classification |
|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------|------------|----------------|
| Blank seals                                                                       | Min. 50 mm   | Min. 50 mm Stone wool min. 150 kg/m <sup>3</sup> | None       | EI 240         |
| Electric cables up to 80 mm diameter, single or in a bundle.                      |              |                                                  |            | E 240 EI 60    |
| Steel cable trays and ladders up to 500 mm wide                                   |              |                                                  |            | EI 60          |
| Telecoms cables up to 21 mm diameter, single or in a bundle up to 100 mm diameter |              |                                                  |            | E 240 EI 120   |
| Unsheathed wires up to 24 mm diameter                                             |              |                                                  |            |                |

#### Declaration of Performance

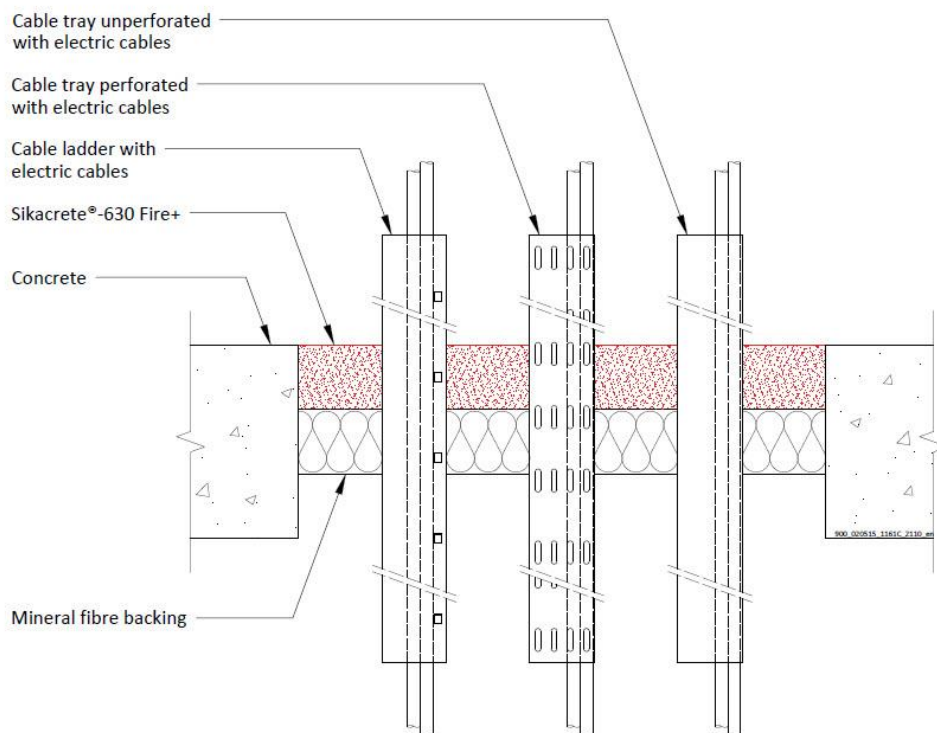
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.2 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 100 mm

### A.2.1 Cable penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ flush with the top of the floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>

Construction details:



#### A.2.1.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 180                 |
| Single* electrical cables up to 21 mm Ø                        |                  | E 180, EI 90           |
| Electrical cables up to 21 mm Ø (single, bundled and on trays) |                  | E 180, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  | E 90, EI 45            |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | EI 180                 |
| Steel cable trays & ladders                                    |                  | E 90, EI 60            |
| Non-sheathed wires up to 17 mm Ø                               |                  | E 180, EI 60           |
| Non-sheathed wires up to 24 mm Ø                               |                  | E 180, EI 30           |
| PVC conduits up to 16 mm Ø                                     |                  | EI 180 C/U, EI 180 C/C |

\* To be separated by at least 30 mm

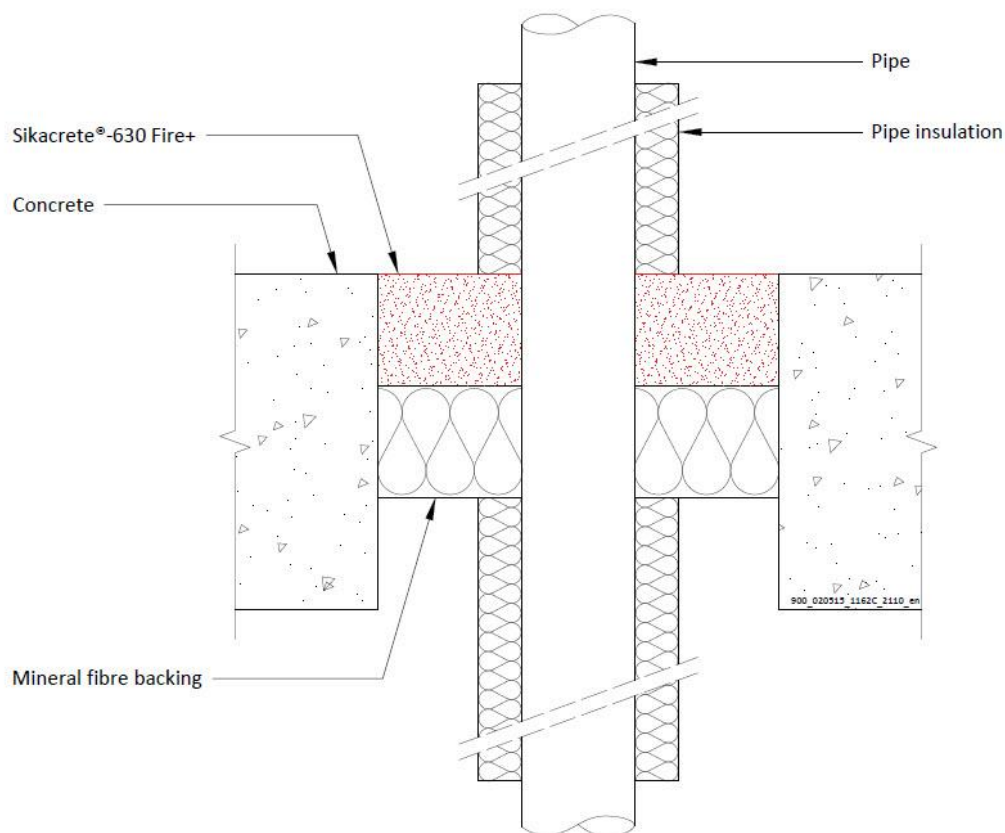
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

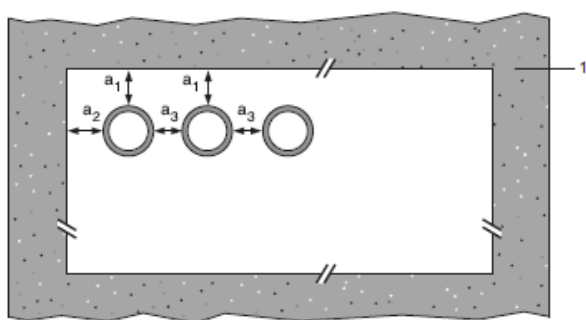
## A.2.2 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** 1000 mm (min.) LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ flush with the top of floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>)

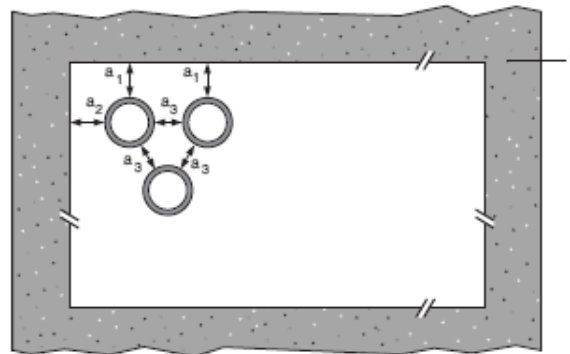
Construction details:



**Configuration 1**



**Configuration 2**



### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.2.2.1 Single side penetration seal with pipes

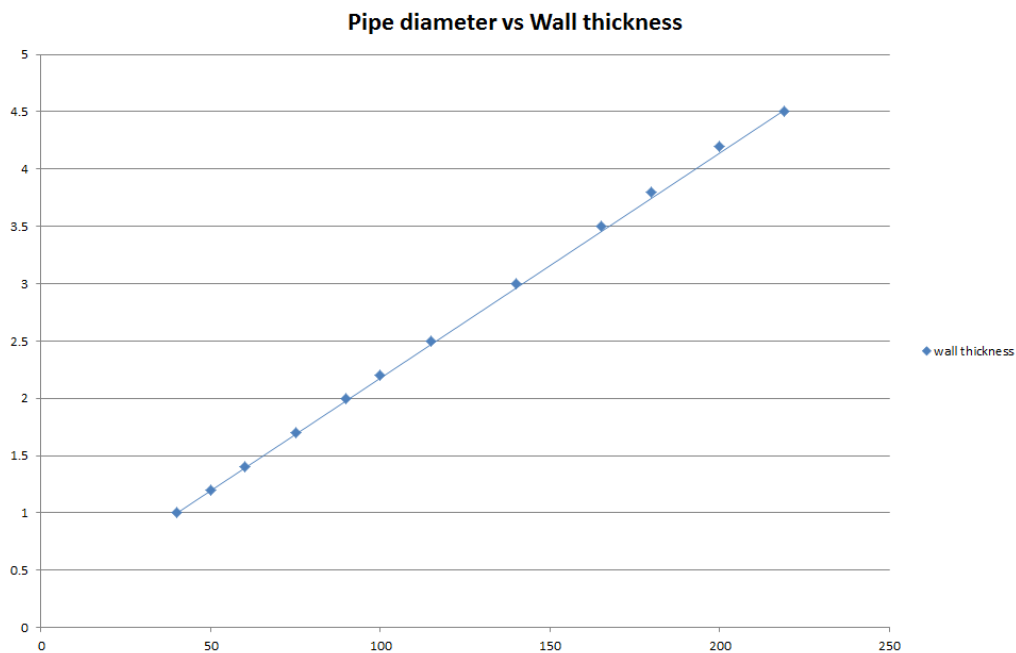
| Services                                                      | Maximum aperture | Insulation, minimum thickness and density | Classification        |
|---------------------------------------------------------------|------------------|-------------------------------------------|-----------------------|
| Copper or steel pipes up to 12 mm diameter/<br>1-5 mm wall    | 70 x 70 mm       | 20 mm stone wool 80 kg/m <sup>3</sup>     | EI 240 C/C            |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | 115 x 115 mm     |                                           | E 240 C/C, EI 180 C/C |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | As section 2. 4) |                                           | EI 180 C/C            |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                          | Maximum aperture | Insulation, minimum thickness and density        | Classification       |
|-----------------------------------|------------------|--------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                  |                                                  |                      |
| 40 mm diameter/1-14.2 mm wall*    | 280 x 280 mm     | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U           |
| 40 mm diameter/1-14.2 mm wall*    |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                  |                                                  |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                  |                                                  |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                  |                                                  |                      |
| 90 mm diameter/2-14.2 mm wall*    |                  |                                                  |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                  |                                                  |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                  |                                                  |                      |
| 140 mm diameter/3-14.2 mm wall*   |                  |                                                  |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                  |                                                  |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                  |                                                  |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                  |                                                  |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                  |                                                  |                      |

\* Typical pipe diameters shown, see below graph for intermediate sizes



#### Declaration of Performance

Sikacrete-630 Fire+

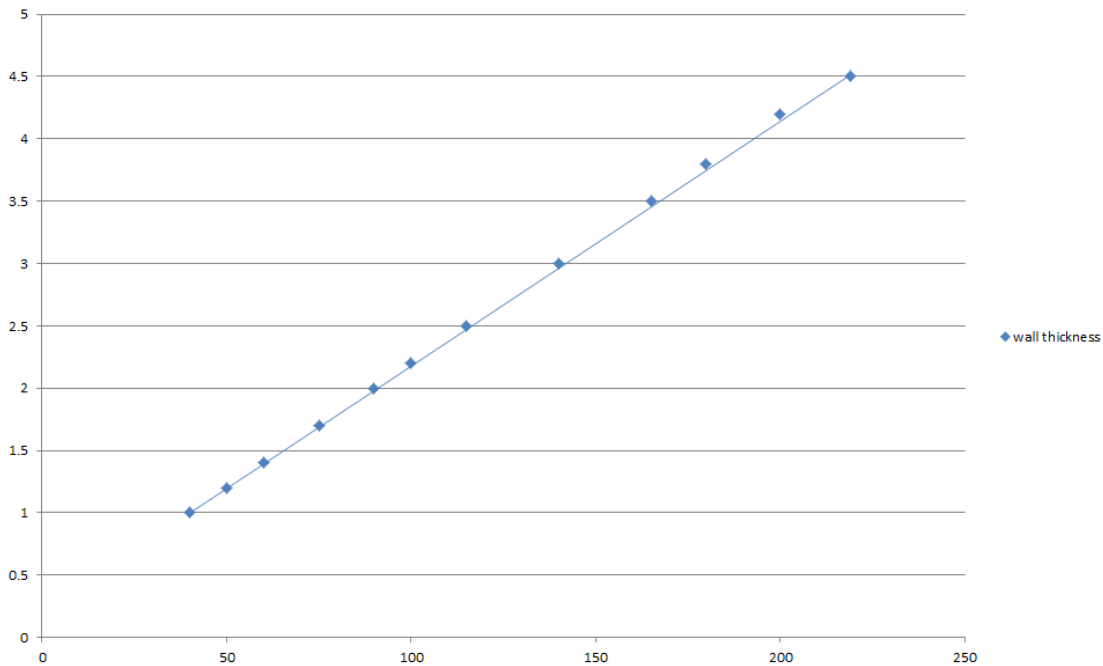
20537727

2025.01, ver. 1

1549

| Services                          | Maximum aperture | Insulation, minimum thickness and density        | Classification       |
|-----------------------------------|------------------|--------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                  |                                                  |                      |
| 40 mm diameter/1-14.2 mm wall*    | As section 2. 4) | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 180 C/U           |
| 40 mm diameter/1-14.2 mm wall*    |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 180 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                  |                                                  |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                  |                                                  |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                  |                                                  |                      |
| 90 mm diameter/2-14.2 mm wall*    |                  |                                                  |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                  |                                                  |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                  |                                                  |                      |
| 140 mm diameter/3-14.2 mm wall*   |                  |                                                  |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                  |                                                  |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                  |                                                  |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                  |                                                  |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                  |                                                  |                      |

Pipe diameter vs Wall thickness



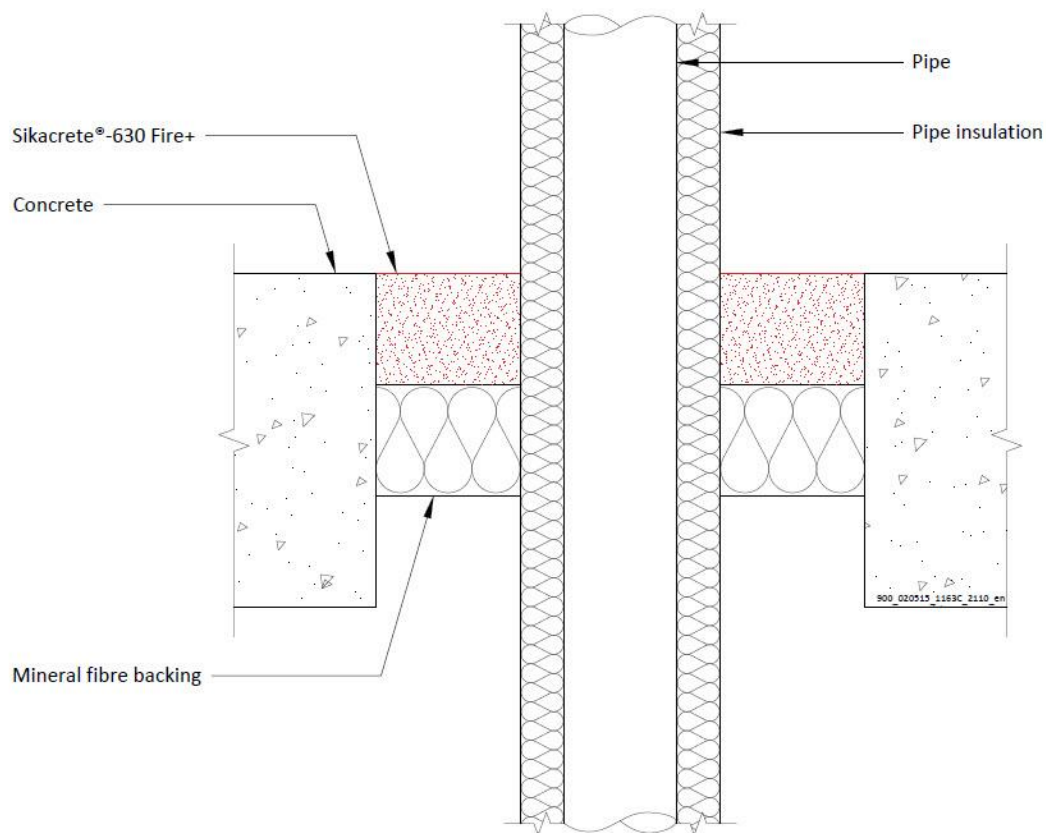
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

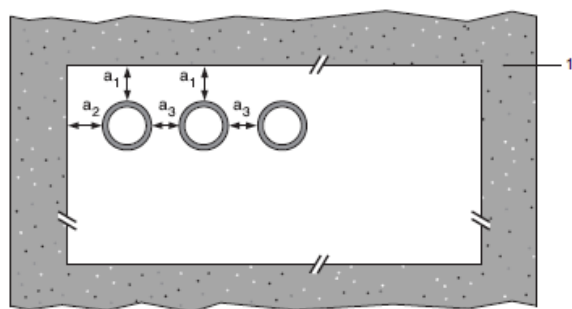
### A.2.3 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture, with min. 50 mm Sikacrete-630 Fire+, backed with min. 50 mm stone wool min. 140 kg/m<sup>3</sup> positioned at any height within the depth of the floor. Minimum separation between penetration seals and seal edges of 30 mm (configuration 1 & 2). Maximum aperture size as section 2. 4).

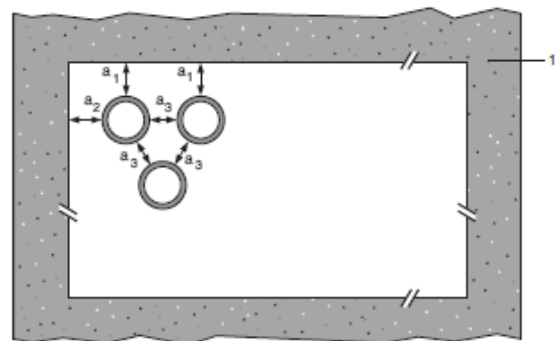
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

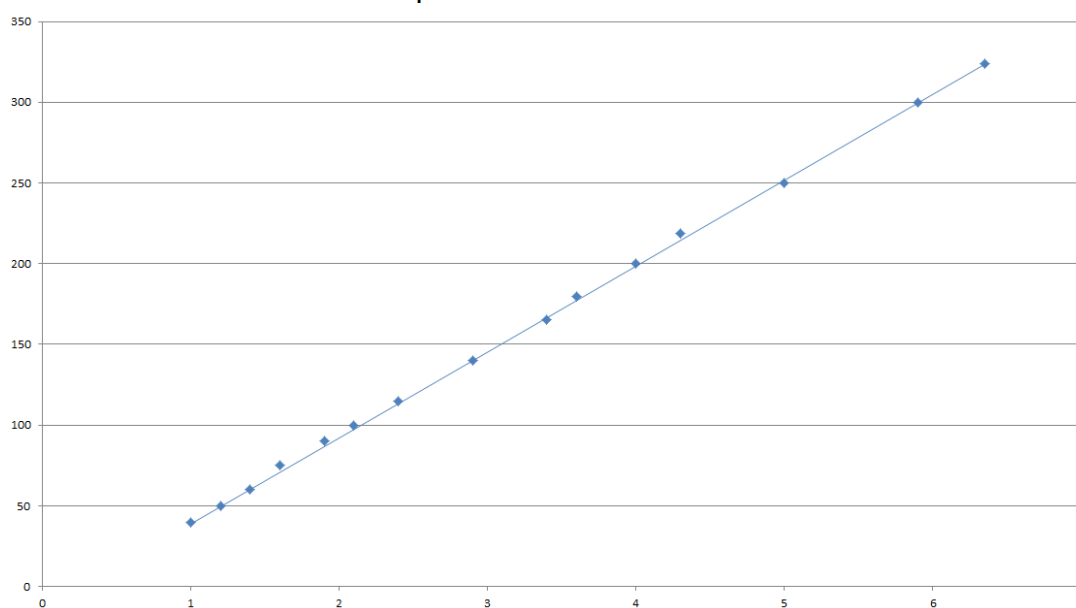
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.3.1

| Mild or stainless steel pipes                           | Insulation                                                   | Classification              |
|---------------------------------------------------------|--------------------------------------------------------------|-----------------------------|
| 40 mm diameter/1-14.2 mm wall                           | 20 mm thick stone, mineral wool min. 80 kg/m <sup>3</sup>    | EI 180 C/U<br>(EI 240 C/U)* |
| 40 mm diameter/1-14.2 mm wall*                          | 30-80 mm thick stone, mineral wool min. 80 kg/m <sup>3</sup> |                             |
| 50 mm diameter/1.2-14.2 mm wall*                        |                                                              |                             |
| 60 mm diameter/1.4-14.2 mm wall*                        |                                                              |                             |
| 75 mm diameter/1.6-14.2 mm wall*                        |                                                              |                             |
| 90 mm diameter/1.9-14.2 mm wall*                        |                                                              |                             |
| 100 mm diameter/2.1-14.2 mm wall*                       |                                                              |                             |
| 115 mm diameter/2.4-14.2 mm wall*                       |                                                              |                             |
| 140 mm diameter/2.9-14.2 mm wall*                       |                                                              |                             |
| 165 mm diameter/ 3.4-14.2 mm wall*                      |                                                              |                             |
| 180 mm diameter/ 3.6-14.2 mm wall*                      |                                                              |                             |
| 200 mm diameter/ 4.0-14.2 mm wall*                      |                                                              |                             |
| 219 mm diameter/ 4.3-14.2 mm wall*                      |                                                              |                             |
| 250 mm diameter/ 5.0-14.2 mm wall*                      |                                                              |                             |
| 300 mm diameter/ 5.9-14.2 mm wall*                      |                                                              |                             |
| 324 mm diameter/ 6.35-14.2 mm wall*                     |                                                              |                             |
| PEX pipe in pipe systems                                | Insulation                                                   | Classification              |
| 15 mm diameter x 2.5 mm wall inner /25mm diameter outer | None                                                         | EI 180 C/C<br>(EI 240 C/C)* |

\* EI 240 in apertures up to a maximum of 550 x 1100 mm

Pipe Diameter vs wall thickness



### Declaration of Performance

Sikacrete-630 Fire+

20537727

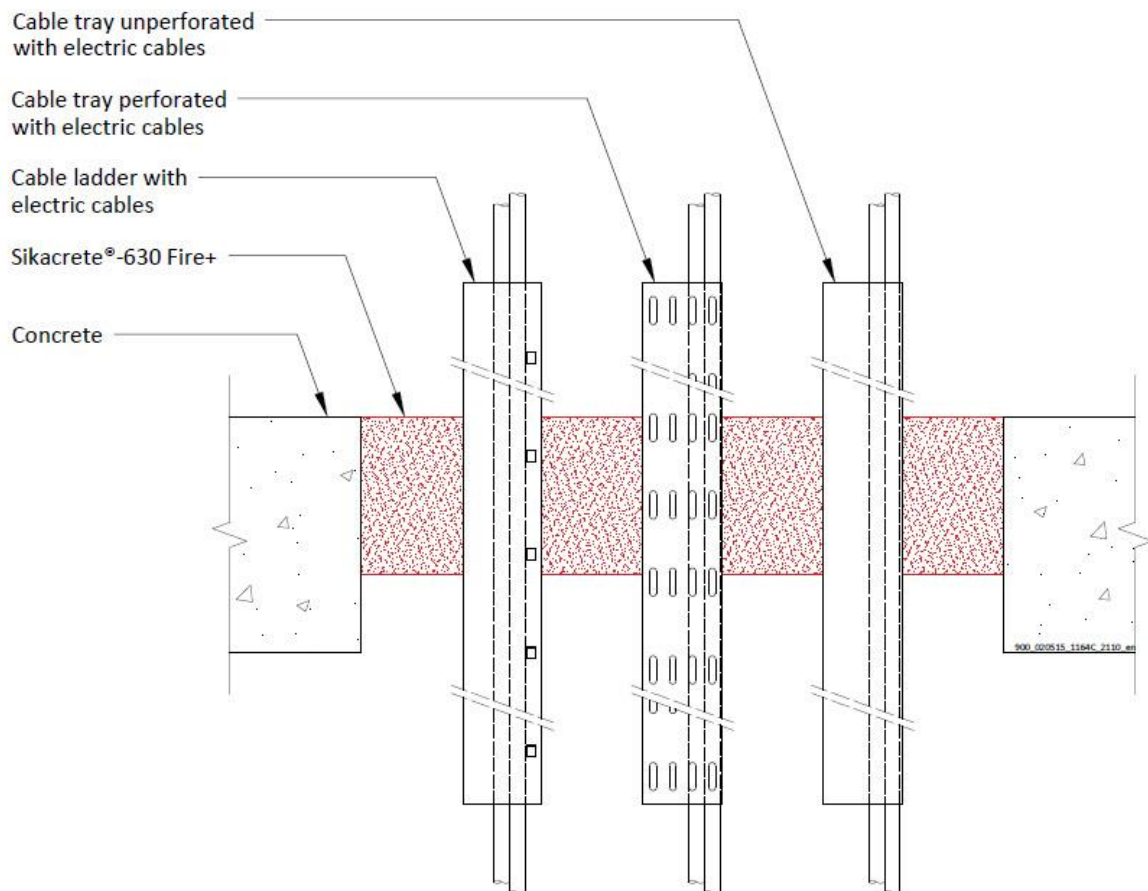
2025.01, ver. 1

1549

## A.2.4 Cable penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ flush with the top of the floor

Construction details:



### A.2.4.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 240                 |
| Electrical cables up to 50 mm Ø (single, bundled and on trays) |                  | E 180, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  | E 120, EI 60           |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | E 180, EI 120          |
| Steel cable trays & ladders                                    |                  | E 120, EI 60           |
| Non-sheathed cables up to 17 mm Ø                              |                  | E 180, EI 90           |
| Non-sheathed cables up to 24 mm Ø                              |                  | E 180, EI 20           |
| PVC conduits up to 16 mm Ø                                     |                  | EI 180 C/U, EI 180 C/C |

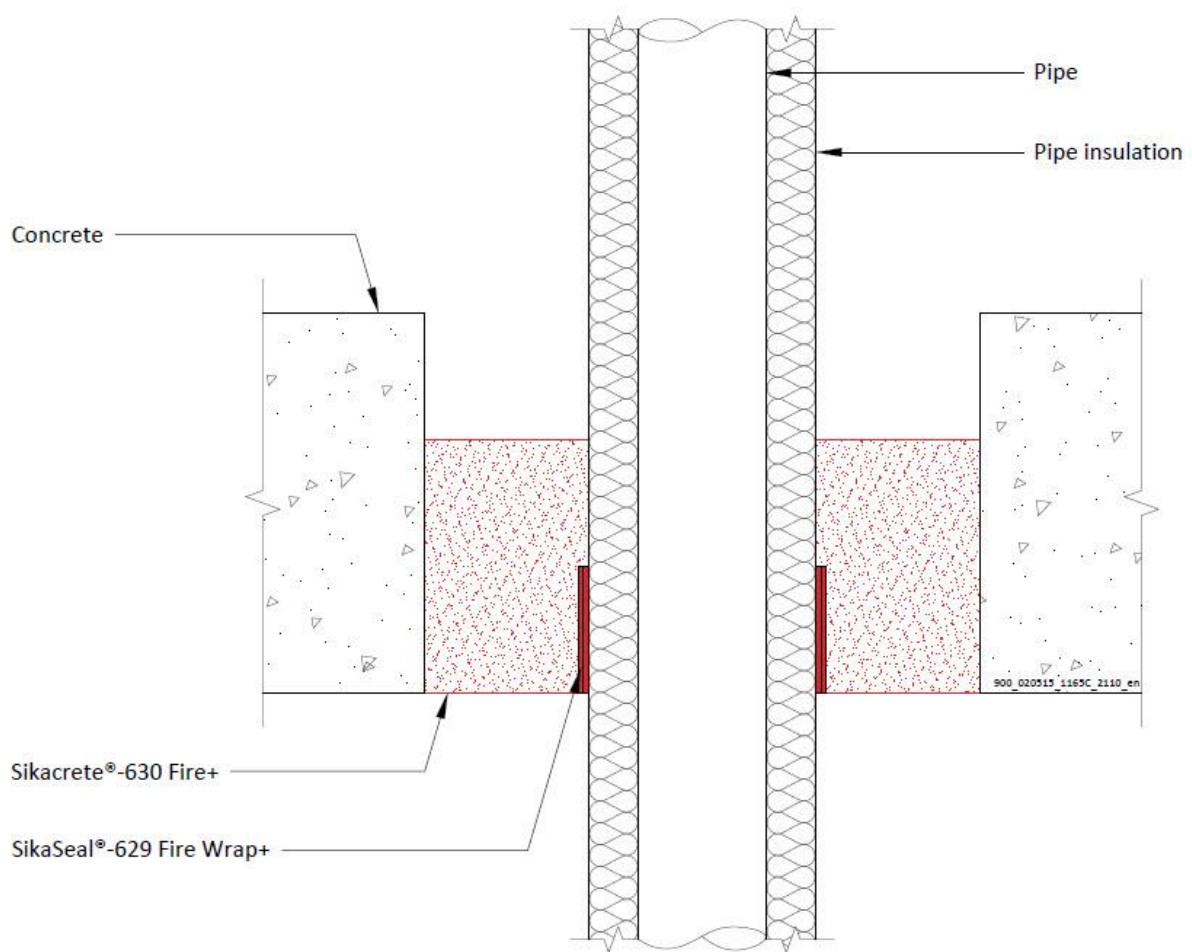
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.5 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 25 mm from seal edges and 30 mm from other services), with min. 100 mm Sikacrete-630 Fire+ at any position within the floor. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

### A.2.5.1 Single side penetration seal with pipes

| Services                        | Wrap                                                              | Insulation                                                                                                  | Classification       |
|---------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------|
| Copper and steel pipes          |                                                                   |                                                                                                             |                      |
| 12 mm diameter/1 mm wall        | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+<br>fitted to the soffit | 9 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation        | EI 240 C/C           |
| 12-54 mm diameter/1-1.2 mm wall |                                                                   | 13-25 mm<br>Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation | E 240 C/C, EI 60 C/C |
| Alupex pipes                    |                                                                   |                                                                                                             |                      |
| 16 mm diameter/2.25 mm wall     | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+<br>fitted to the soffit | 9 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation        | EI 240 C/C           |
| 16 mm diameter/2.25 mm wall     |                                                                   | 9-13 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation     | E 240 C/C, EI 90 C/C |
| 20 mm diameter/2.5 mm wall      |                                                                   |                                                                                                             |                      |
| 26 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 32 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 40 mm diameter/3.5 mm wall      |                                                                   |                                                                                                             |                      |
| 50 mm diameter/4 mm wall        |                                                                   | 13-25 mm<br>Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation | E 180 C/C, EI 90 C/C |
| 63 mm diameter/4.5 mm wall      |                                                                   |                                                                                                             |                      |
| 75 mm diameter/4.7 mm wall      |                                                                   |                                                                                                             |                      |
| 16 mm diameter/2.25 mm wall     |                                                                   |                                                                                                             |                      |
| 20 mm diameter/2.5 mm wall      |                                                                   |                                                                                                             |                      |
| 26 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 32 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 40 mm diameter/3.5 mm wall      |                                                                   |                                                                                                             |                      |
| 50 mm diameter/4 mm wall        |                                                                   |                                                                                                             |                      |
| 63 mm diameter/4.5 mm wall      |                                                                   |                                                                                                             |                      |
| 75 mm diameter/4.7 mm wall      |                                                                   |                                                                                                             |                      |

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

A.2.6 Pipe penetration seal with Sikacrete-630 Fire+

|                                                                                                                                                                                                                                                                                                                                                                     |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <p><b>Penetration Seal:</b> 1000 mm (min.)* LI (Local Interrupted) or CI (Continuous Interrupted) insulated and non-insulated metallic and composite pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with Sikacrete-630 Fire+ to either surface of the floor or anywhere between. Maximum seal size as section 2. 4).</p> |                 |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                                                        |                 |
|                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Configuration 1                                                                                                                                                                                                                                                                                                                                                     | Configuration 2 |
|                                                                                                                                                                                                                                                                                                                                                                     |                 |
| <p><b>Key</b><br/>1 Supporting construction<br/>a1 Pipe / top edge of seal separation<br/>a2 Pipe / side edge of seal separation<br/>a3 Pipe / pipe separation</p>                                                                                                                                                                                                  |                 |

**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.6.1 Single side penetration seal with pipes

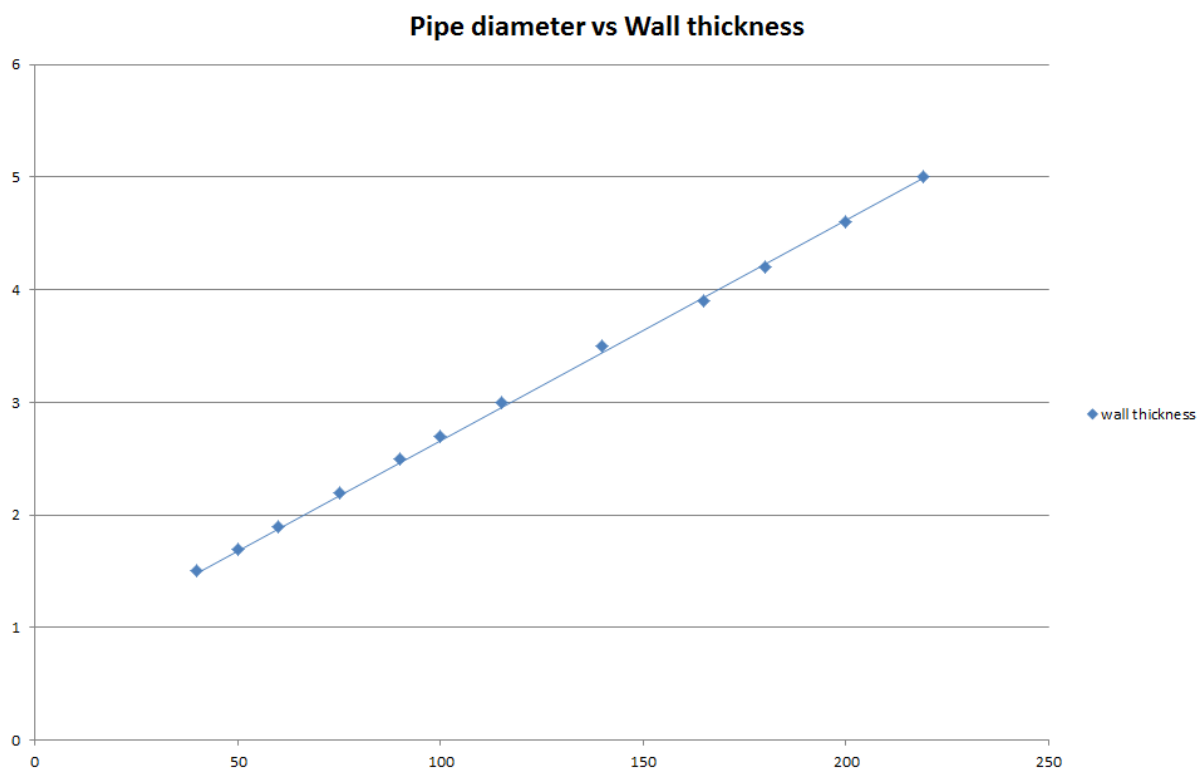
| Services                                                     | Minimum mortar depth and floor thickness | Insulation | Classification        |
|--------------------------------------------------------------|------------------------------------------|------------|-----------------------|
| Up to 16 mm diameter steel pipes 1.5-7 mm wall               | 100 mm                                   | None       | E 240 C/C, EI 120 C/C |
| Up to 63.5 mm diameter steel pipes 1.6-14.2 mm wall          | 150 mm                                   |            | E 180 C/U, EI 90 C/U  |
| Up to 12 mm diameter Copper and steel pipes 0.7-1.5 mm wall  | 120 mm                                   |            | E 240 C/C, EI 180 C/C |
| Up to 54 mm diameter Copper and steel pipes 1.5-14.2 mm wall | 100 mm                                   |            | E 120 C/C, EI 20 C/C  |
| 75 mm Alupex composite pipes with 4.6 mm wall                | 100 mm                                   | None       | E 240 U/C, EI 20 U/C  |

| Services                           | Minimum mortar depth and floor thickness | Insulation, minimum thickness and density        | Classification        |
|------------------------------------|------------------------------------------|--------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                                          |                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | 100 mm                                   | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   |                                          | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 120 C/U |
| 50 mm diameter/1.7-14.2 mm wall*   |                                          |                                                  |                       |
| 60 mm diameter/1.8-14.2 mm wall*   |                                          |                                                  |                       |
| 75 mm diameter/2.1-14.2 mm wall*   |                                          |                                                  |                       |
| 90 mm diameter/2.3-14.2 mm wall*   |                                          |                                                  |                       |
| 100 mm diameter/2.5-14.2 mm wall*  |                                          |                                                  |                       |
| 115 mm diameter/2.8-14.2 mm wall*  |                                          |                                                  |                       |
| 140 mm diameter/3.2-14.2 mm wall*  |                                          |                                                  |                       |
| 165 mm diameter/ 3.6-14.2 mm wall* |                                          |                                                  |                       |
| 180 mm diameter/ 3.9-14.2 mm wall* |                                          |                                                  |                       |
| 200 mm diameter/ 4.2-14.2 mm wall* |                                          |                                                  |                       |
| 219 mm diameter/ 4.5-14.2 mm wall* |                                          |                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

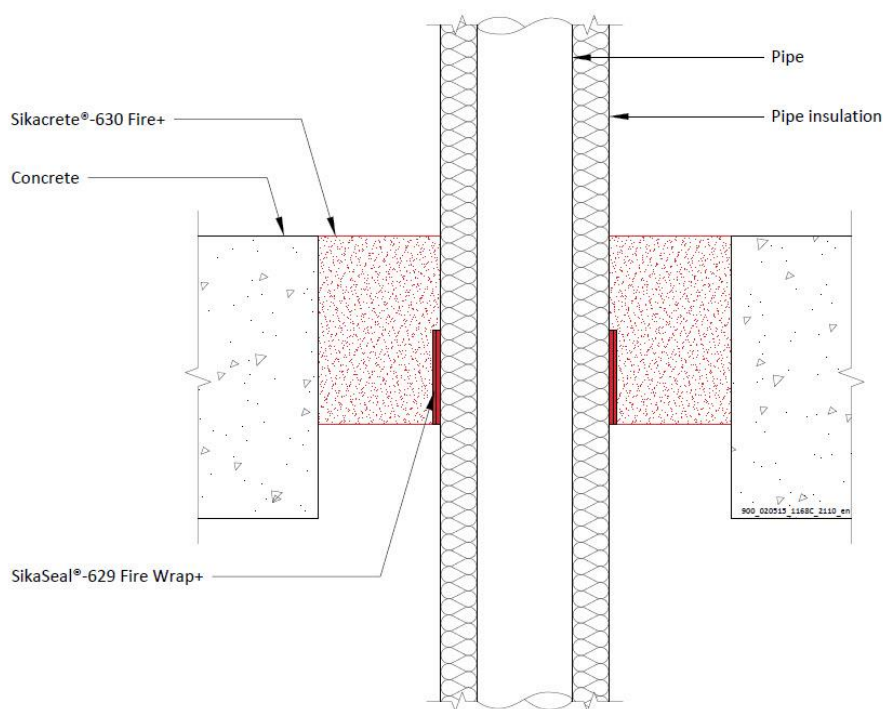


**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.2.7 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 100 mm Sikacrete-630 Fire+ to the top surface of the floor. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



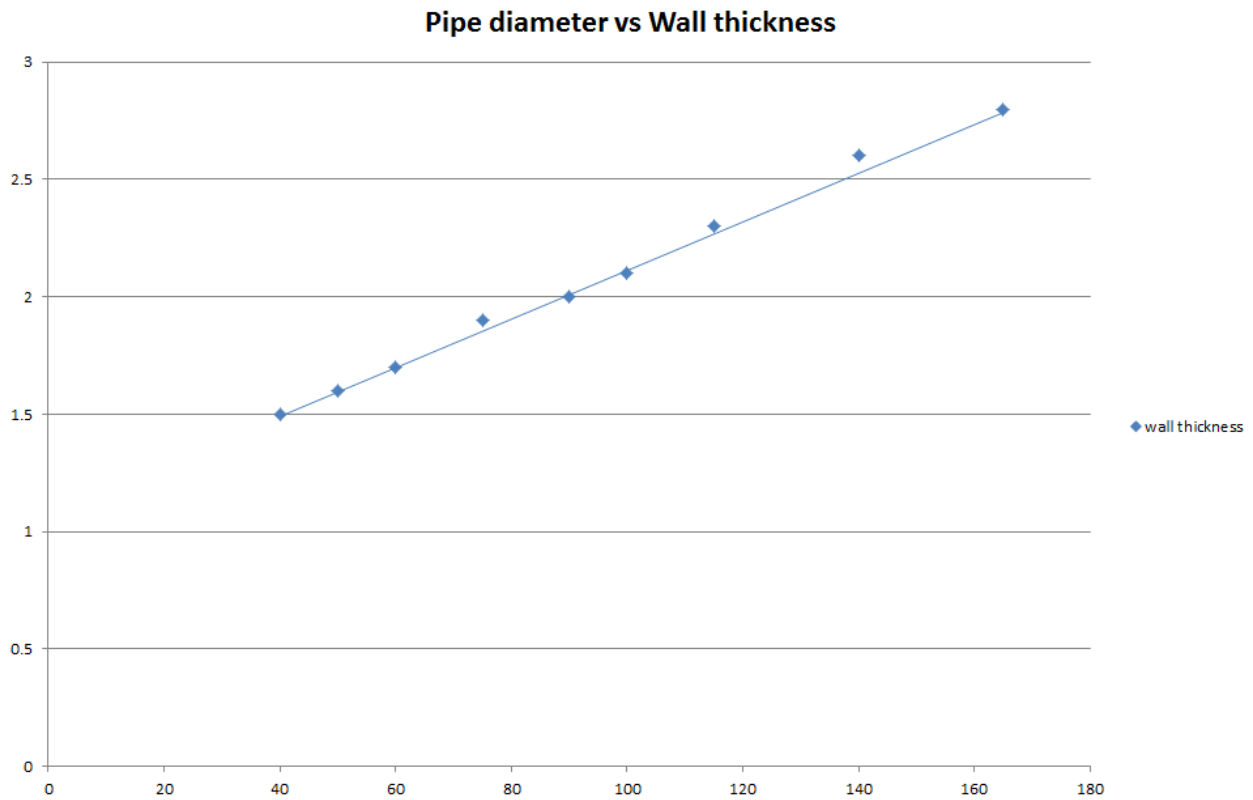
### A.2.7.1 Single side penetration seal with pipes

| Services                          | Wrap                                                        | Insulation                                                                                       | Classification        |
|-----------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------|
| Mild or stainless steel pipes     |                                                             |                                                                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall   | 1 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, fitted at soffit | 13 mm Elastomeric insulation<br>minimum class B-s3,d0 or foil faced Phenolic Foam insulation     | EI 180 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*  |                                                             | 13 -19 mm Elastomeric insulation<br>minimum class B-s3,d0 or foil faced Phenolic Foam insulation | E 180 C/U, EI 120 C/U |
| 50 mm diameter/1.6-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 60 mm diameter/1.7-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 75 mm diameter/1.9-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 90 mm diameter/2-14.2 mm wall*    |                                                             |                                                                                                  |                       |
| 100 mm diameter/2.1-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 115 mm diameter/2.3-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 140 mm diameter/2.6-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 165 mm diameter/2.8-14.2 mm wall* |                                                             |                                                                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

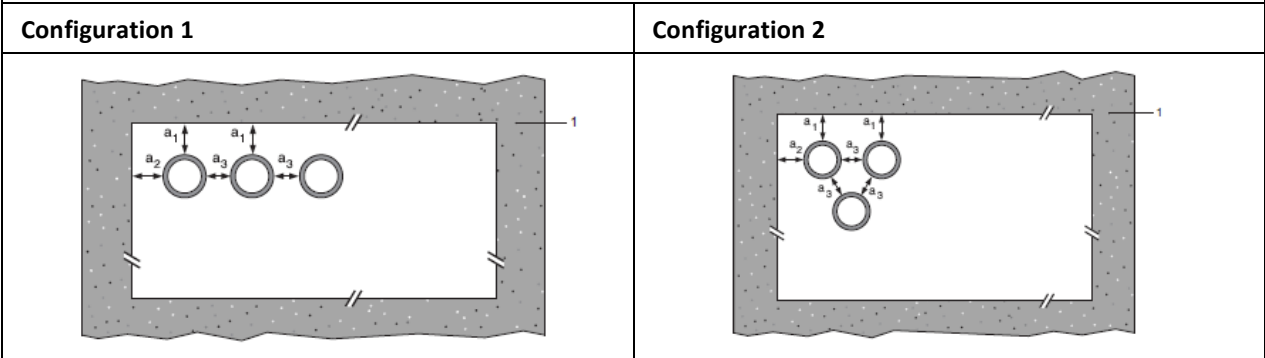
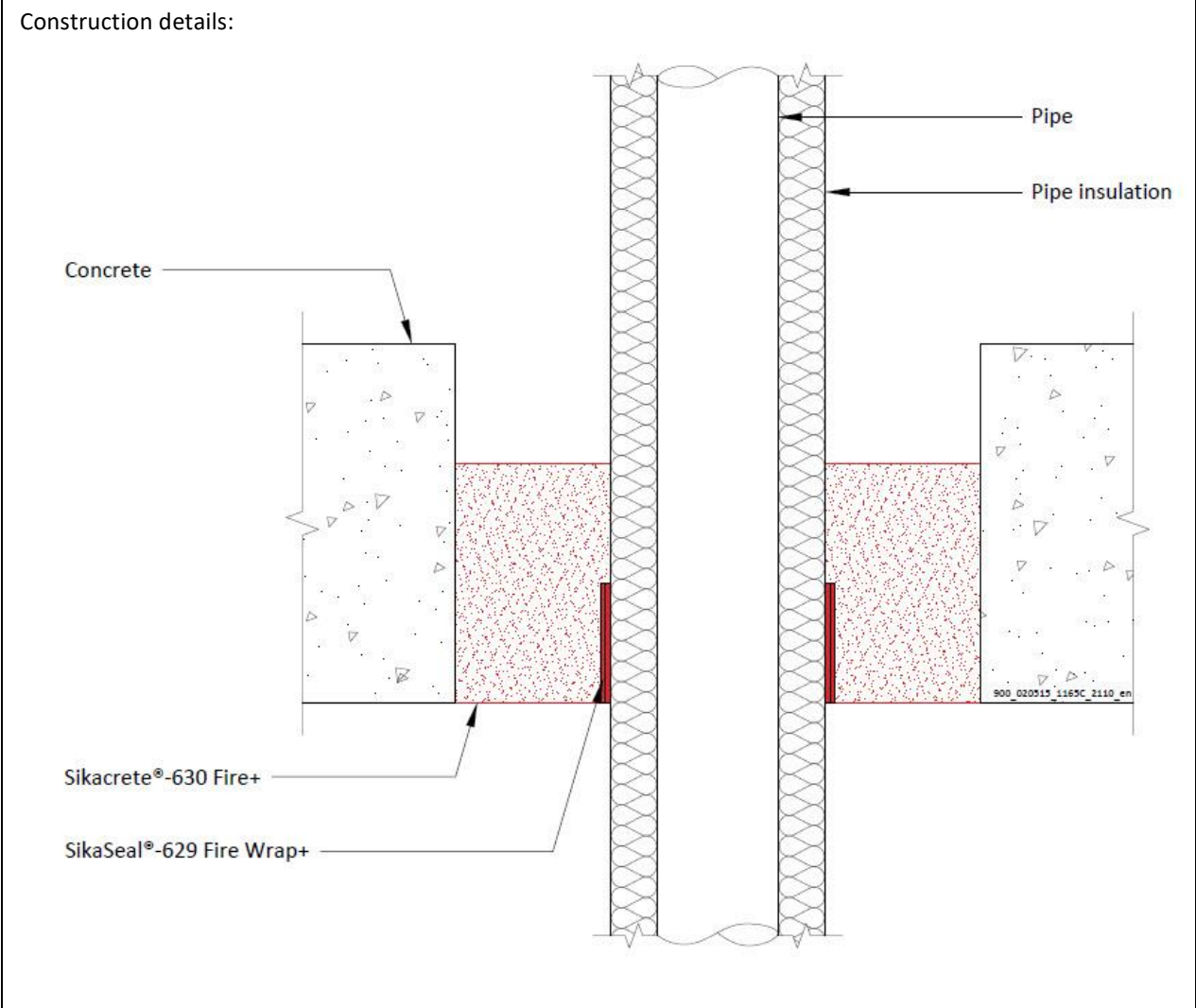
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549



**A.2.8 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+**

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes sealed with Protect FR wraps, fitted at any position within the aperture, with min. 100 mm Sikacrete-630 Fire+ Seal. Minimum separation between penetration seals and seal edges of 30 mm (Configuration 1 & 2). Maximum seal size as section 2. 4).



**Key**  
1 Supporting construction  
a1 Pipe / top edge of seal separation  
a2 Pipe / side edge of seal separation  
a3 Pipe / pipe separation

**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.8.1

| Mild or stainless steel pipes       | Insulation                                                                                        | SikaSeal-629<br>Fire Wrap+     | Classification          |
|-------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|
| 40 mm diameter/1-14.2 mm wall       | 25 mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation   | 50 x 3.6 mm<br>(2 x 1.8 layer) | EI 240 C/U              |
| 40 mm diameter/1-14.2 mm wall*      | 25mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation    |                                | E 240 C/U<br>EI 120 C/U |
| 50 mm diameter/1.2-14.2 mm wall*    |                                                                                                   |                                |                         |
| 60 mm diameter/1.4-14.2 mm wall*    |                                                                                                   |                                |                         |
| 75 mm diameter/1.6-14.2 mm wall*    |                                                                                                   |                                |                         |
| 90 mm diameter/1.9-14.2 mm wall*    |                                                                                                   |                                |                         |
| 100 mm diameter/2.1-14.2 mm wall*   |                                                                                                   |                                |                         |
| 115 mm diameter/2.4-14.2 mm wall*   |                                                                                                   |                                |                         |
| 140 mm diameter/2.9-14.2 mm wall*   |                                                                                                   |                                |                         |
| 165 mm diameter/ 3.4-14.2 mm wall*  |                                                                                                   |                                |                         |
| 180 mm diameter/ 3.6-14.2 mm wall*  |                                                                                                   |                                |                         |
| 200 mm diameter/ 4.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 219 mm diameter/ 4.3-14.2 mm wall*  |                                                                                                   |                                |                         |
| 250 mm diameter/ 5.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 300 mm diameter/ 5.9-14.2 mm wall*  |                                                                                                   |                                |                         |
| 324 mm diameter/ 6.35-14.2 mm wall* |                                                                                                   |                                |                         |
| 40 mm diameter/1-14.2 mm wall*      | 25-50mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation | 50 x 5.4 mm<br>(3 x 1.8 layer) | EI 120 C/U              |
| 50 mm diameter/1.2-14.2 mm wall*    |                                                                                                   |                                |                         |
| 60 mm diameter/1.4-14.2 mm wall*    |                                                                                                   |                                |                         |
| 75 mm diameter/1.6-14.2 mm wall*    |                                                                                                   |                                |                         |
| 90 mm diameter/1.9-14.2 mm wall*    |                                                                                                   |                                |                         |
| 100 mm diameter/2.1-14.2 mm wall*   |                                                                                                   |                                |                         |
| 115 mm diameter/2.4-14.2 mm wall*   |                                                                                                   |                                |                         |
| 140 mm diameter/2.9-14.2 mm wall*   |                                                                                                   |                                |                         |
| 165 mm diameter/ 3.4-14.2 mm wall*  |                                                                                                   |                                |                         |
| 180 mm diameter/ 3.6-14.2 mm wall*  |                                                                                                   |                                |                         |
| 200 mm diameter/ 4.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 219 mm diameter/ 4.3-14.2 mm wall*  |                                                                                                   |                                |                         |
| 250 mm diameter/ 5.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 300 mm diameter/ 5.9-14.2 mm wall*  |                                                                                                   |                                |                         |
| 324 mm diameter/ 6.35-14.2 mm wall* |                                                                                                   |                                |                         |

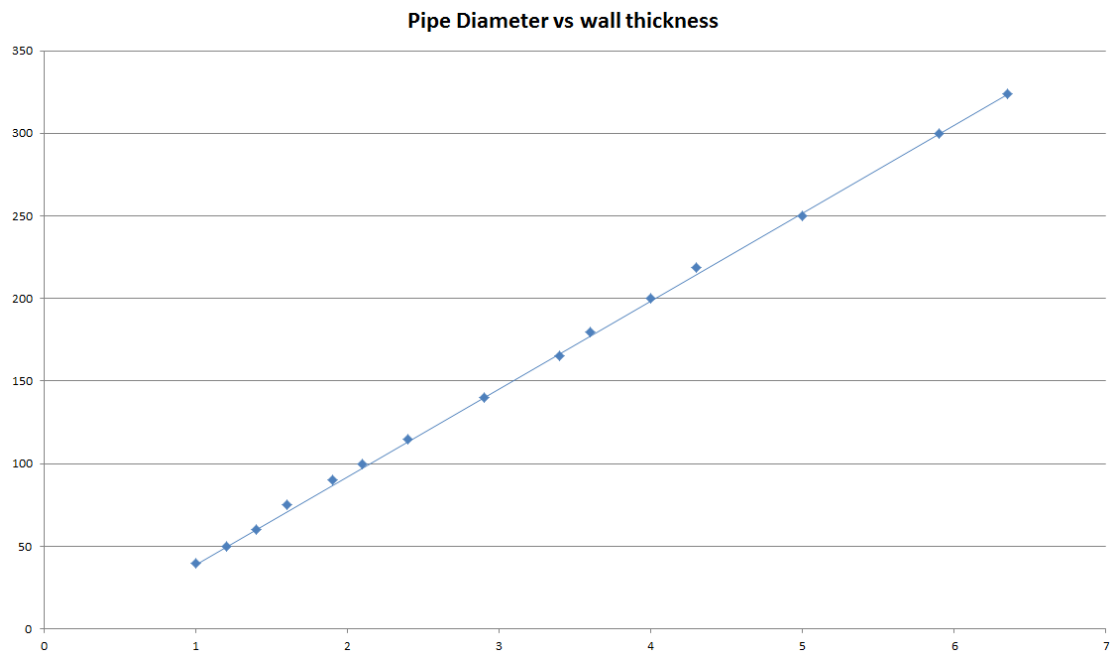
#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

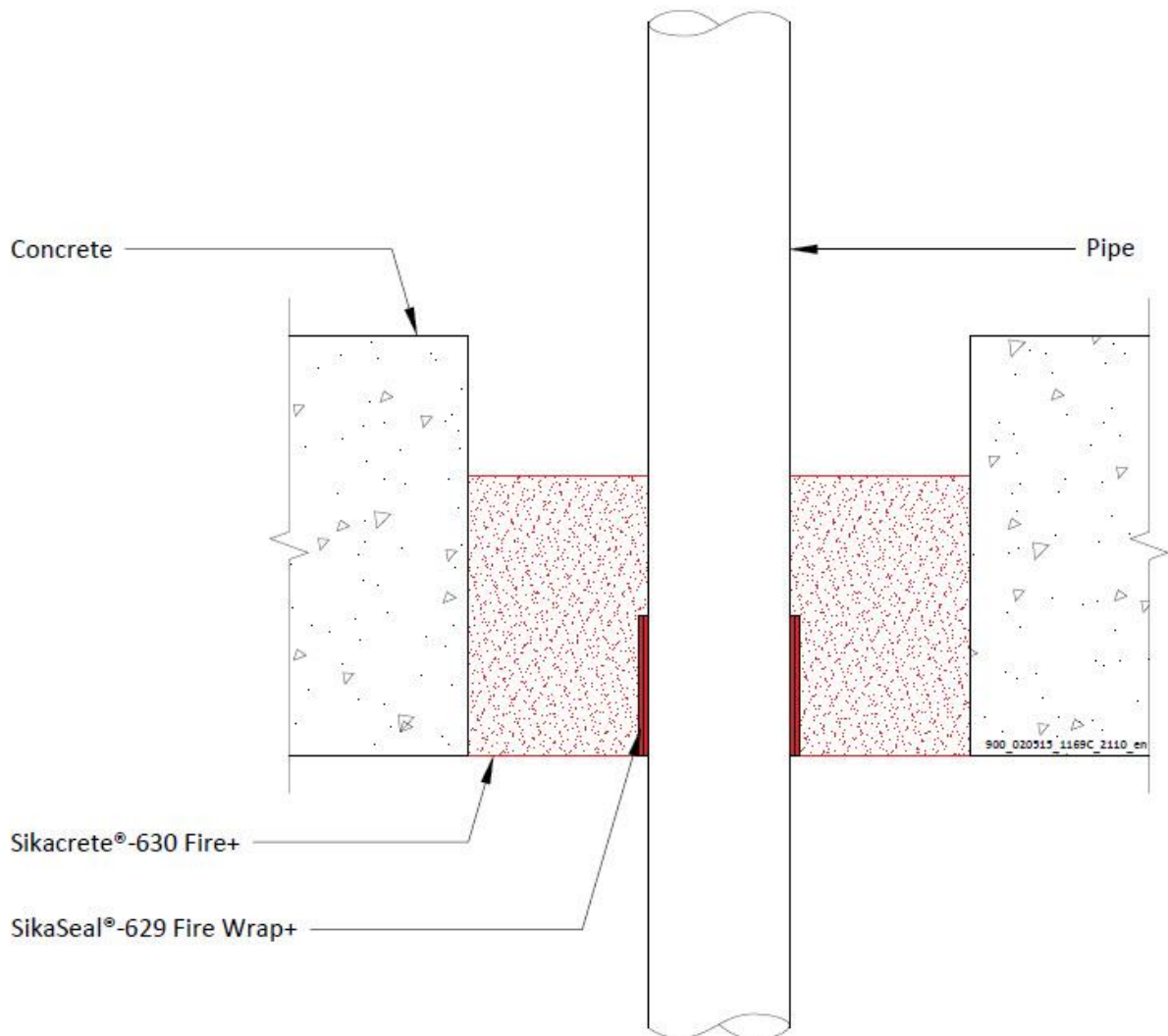


**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.10 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture, with min. 100 mm Sikacrete-630 Fire+ to the either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Minimum separation between penetration seals and seal edges of 30 mm (Configuration 1 & 2).

Construction details:



#### Declaration of Performance

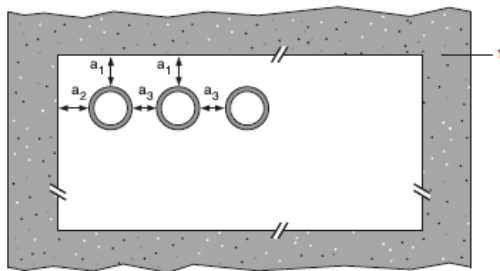
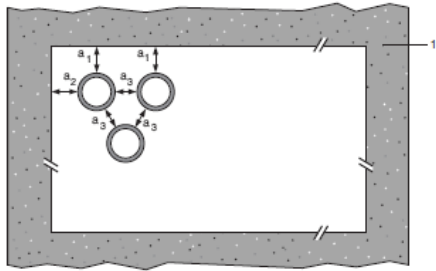
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

### A.2.10.1 Single side penetration seal with pipes

| Services                                                                                                                                                | Wrap         | Maximum aperture                                                                     | Classification        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------|-----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                                                               |              |                                                                                      |                       |
| Up to 40 mm diameter / 1.8-3.7 mm wall                                                                                                                  | 50 x 1.8 mm  | As section 2. 4)                                                                     | E 180 U/U, EI 120 U/U |
| Up to 110 mm diameter / 3.0-6.6 mm wall                                                                                                                 | 50 x 3.6 mm  |                                                                                      | EI 240 U/C            |
| Up to 125 mm diameter / 3.5-7.4 mm wall                                                                                                                 | 50 x 7.2 mm  |                                                                                      | EI 120 U/C            |
| Up to 160 mm diameter / 4.5 mm wall                                                                                                                     | 50 x 10.8 mm |                                                                                      | EI 240 C/C            |
| Up to 160 mm diameter / 4.5-9.5 mm wall                                                                                                                 | 50 x 10.8 mm |                                                                                      | EI 90 C/C             |
| Up to 110 mm diameter/ 2.7-6.6 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                          | 50 x 3.6 mm  |                                                                                      | EI 120 U/C            |
| PP pipes according to EN 1451-1                                                                                                                         |              |                                                                                      |                       |
| Up to 40 mm diameter /1.8-4.4 mm wall                                                                                                                   | None         | As section 2. 4)                                                                     | EI 120 U/C            |
| Up to 40 mm diameter /1.8-5.5 mm wall                                                                                                                   | 50 x 1.8 mm  |                                                                                      | EI 120 U/U            |
| Up to 50 mm diameter /2.5-5.5 mm wall                                                                                                                   | 50 x 3.6 mm  |                                                                                      | EI 240 C/C            |
| Up to 75 mm diameter /3.5-5.5 mm wall                                                                                                                   | 50 x 3.6 mm  |                                                                                      | EI 240 C/C            |
| Up to 110 mm diameter /2.7-6.3 mm wall                                                                                                                  | 50 x 3.6 mm  |                                                                                      | EI 240 U/C            |
| Up to 125 mm diameter /3.4-11.4 mm wall                                                                                                                 | 50 x 7.2 mm  |                                                                                      | EI 240 U/C            |
| Up to 160 mm diameter /4.9-14.6 mm wall                                                                                                                 | 50 x 10.8 mm |                                                                                      | EI 240 U/C            |
| Up to 110 mm diameter/ 3.4-6.3 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                          | 50 x 3.6 mm  |                                                                                      | EI 60 U/C             |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1               |              |                                                                                      |                       |
| Up to 40 mm diameter / 2.0-4.4 mm wall                                                                                                                  | None         | As section 2. 4)                                                                     | EI 120 U/C            |
| Up to 40 mm diameter / 2.4-3.7 mm wall                                                                                                                  | 50 x 1.8 mm  |                                                                                      | EI 240 U/U            |
| Up to 110 mm diameter / 3.4-10.0 mm wall                                                                                                                | 50 x 3.6 mm  |                                                                                      | EI 120 U/C            |
| Up to 125 mm diameter / 3.9-11.4 mm wall                                                                                                                | 50 x 7.2 mm  |                                                                                      | EI 240 U/C            |
| Up to 160 mm diameter / 4.9-14.6 mm wall                                                                                                                | 50 x 10.8 mm |                                                                                      | EI 120 U/C            |
| Up to 250 mm diameter / 7.8 mm wall                                                                                                                     | 75 x 12.6 mm |                                                                                      | EI 180 C/C            |
| Up to 110 mm diameter/ 2.7-10.0 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                         | 50 x 3.6 mm  |                                                                                      | E 120 U/C, EI 60 U/C  |
| Configuration 1                                                                                                                                         |              | Configuration 2                                                                      |                       |
|                                                                      |              |  |                       |
| <b>Key</b><br>1 Supporting construction<br>a1 Pipe / top edge of seal separation<br>a2 Pipe / side edge of seal separation<br>a3 Pipe / pipe separation |              |                                                                                      |                       |

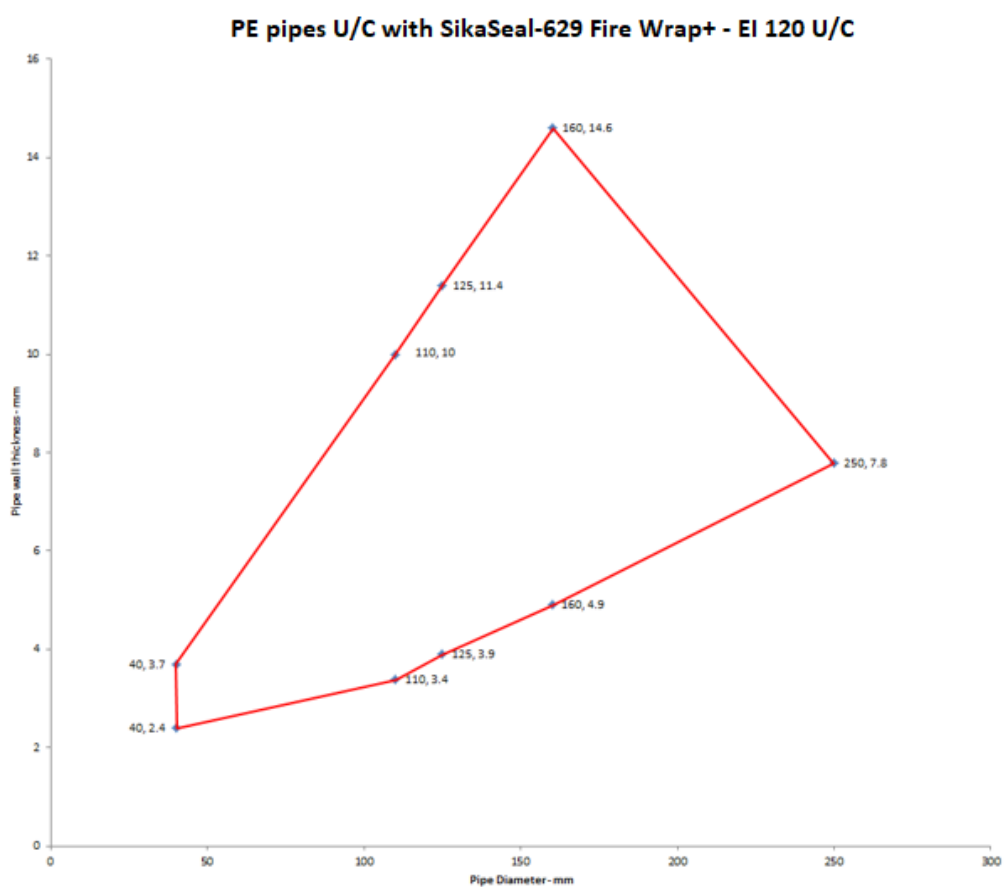
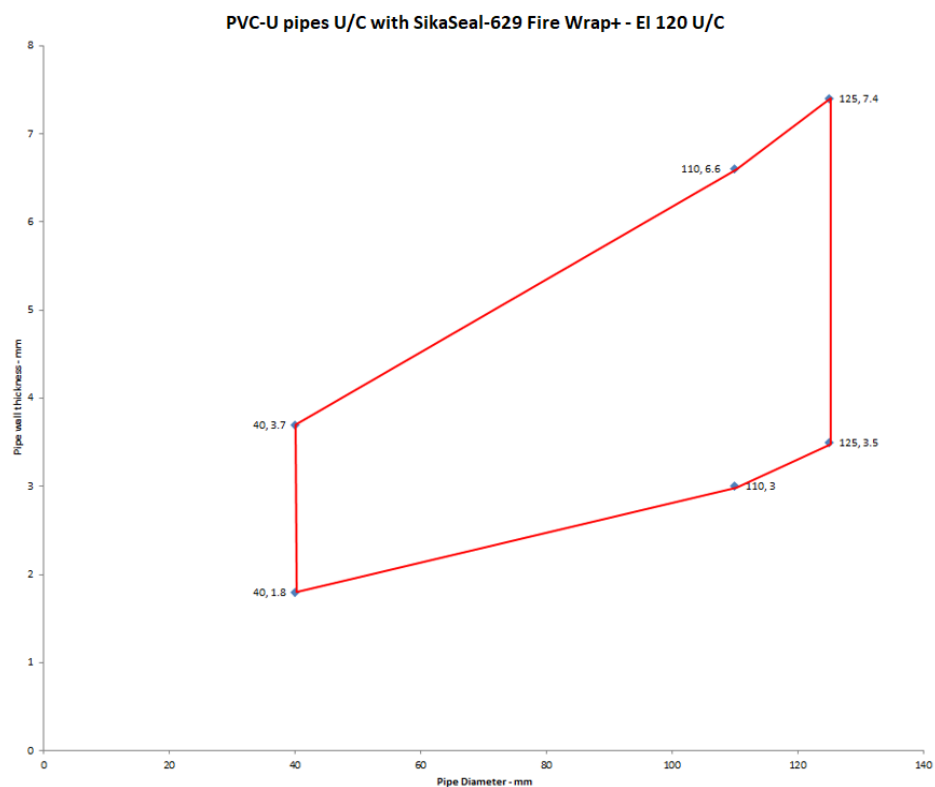
### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549



#### Declaration of Performance

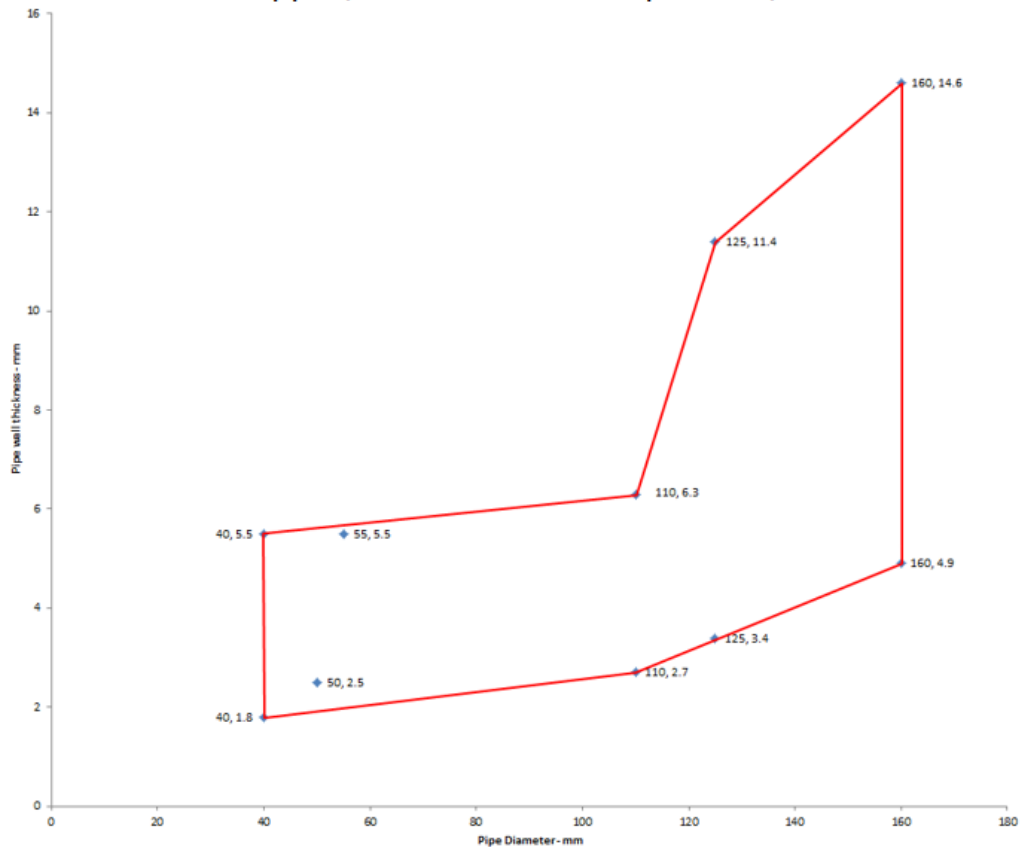
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

# PP pipes U/C with SikaSeal-629 Fire Wrap+ - EI 120 U/C



## Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

39/189

BUILDING TRUST



A.2.11 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <p><b>Penetration Seal:</b> Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with min. 100 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).</p> |                               |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                                                                            |                               |
|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                                                                                                                                                                           | <p><b>Configuration 2</b></p> |
|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                          |                               |

### A.2.11.1

| Services                                                                                                     | Wrap                          | Permitted configuration for seal separation | Classification        |
|--------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|-----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                    |                               |                                             |                       |
| 160 mm diameter / 9.5 mm wall                                                                                | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 90 U/C             |
| PEX pipe in pipe systems according to ISO 15875                                                              |                               |                                             |                       |
| Maximum 54 mm diameter/0.4 mm wall thickness (outer pipe), 28 mm diameter/4.0 mm wall thickness (inner pipe) | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 C/C            |
| Rehau Raupiano Plus PP-DD according to DIN 4102                                                              |                               |                                             |                       |
| 40-50 mm diameter/1.8-2.7 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/2.7 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |
| 125 mm diameter/3.1 mm wall thickness                                                                        | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | E 240 U/C, EI 120 U/C |
| 160 mm diameter/3.9 mm wall thickness                                                                        | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 120 U/C            |
| Polo-Kal NG Poloplast PP-MV according to DIN 4102                                                            |                               |                                             |                       |
| 32-110 mm diameter/3.4 mm wall thickness                                                                     | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 180 U/C            |
| 125 mm diameter/3.9 mm wall thickness                                                                        | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | EI 240 U/C            |
| 160 mm diameter/4.3 mm wall thickness                                                                        | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 240 U/C            |
| Aquatherm Green SDR9 MF PP-RP according to ISO 21003                                                         |                               |                                             |                       |
| 32 mm diameter/3.6 mm wall thickness                                                                         | 50 x 1.8 mm (1 x 1.8 layer)   | 1 & 2                                       | EI 240 C/C            |
| 40-50 mm diameter/5.6-12.3 mm wall thickness*                                                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 C/C            |
| 63-110 mm diameter/12.3 mm wall thickness*                                                                   | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 C/C            |
| Wavin SiTech + PP-M B according to EN 13501-1                                                                |                               |                                             |                       |
| 32-50 mm diameter/1.8-3.4 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/3.4 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |
| Gilbert Silent PP according to DIN 4102                                                                      |                               |                                             |                       |
| 32-50 mm diameter/1.8-3.4 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/3.4 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |

\* Typical pipe diameters shown, see below graph for intermediate sizes

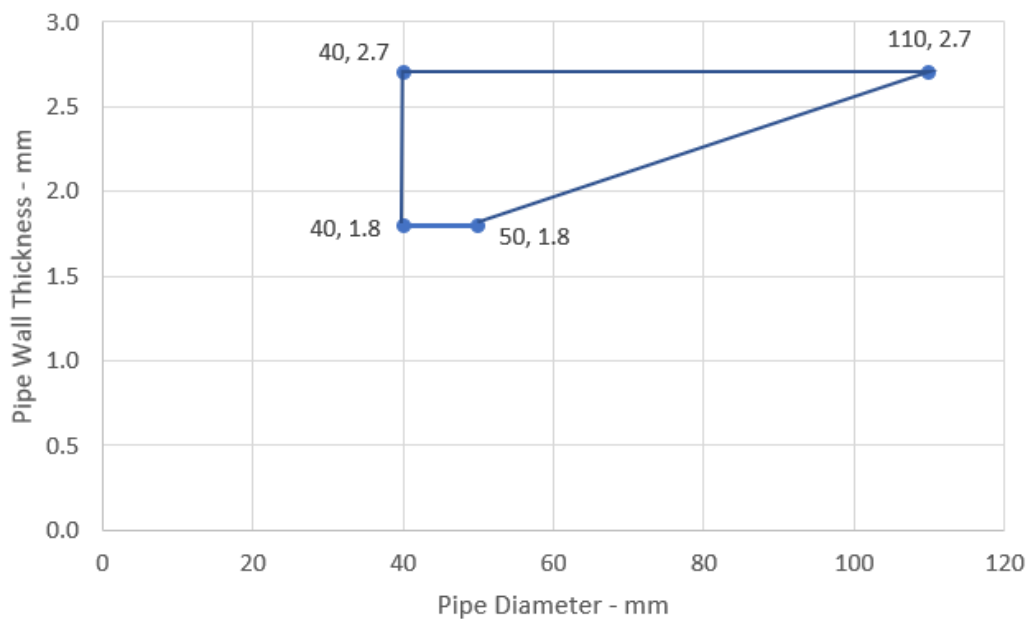
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                                          | Wrap                          | Permitted configuration for seal separation | Classification |
|---------------------------------------------------|-------------------------------|---------------------------------------------|----------------|
| BluePower Multilayer pipes according to EN 1451-1 |                               |                                             |                |
| 32-50 mm diameter*                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 U/U     |
| 75-110 mm diameter*                               | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |
| 125 mm diameter/3.9 mm wall thickness*            | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |
| 160 mm diameter/4.9 mm wall thickness*            | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 240 U/C     |
| Uponor Decibel pipes according to EN 14366        |                               |                                             |                |
| 32-50 mm diameter*                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U     |
| 75-110 mm diameter*                               | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |

\* Typical pipe diameters shown, see below graph for intermediate sizes

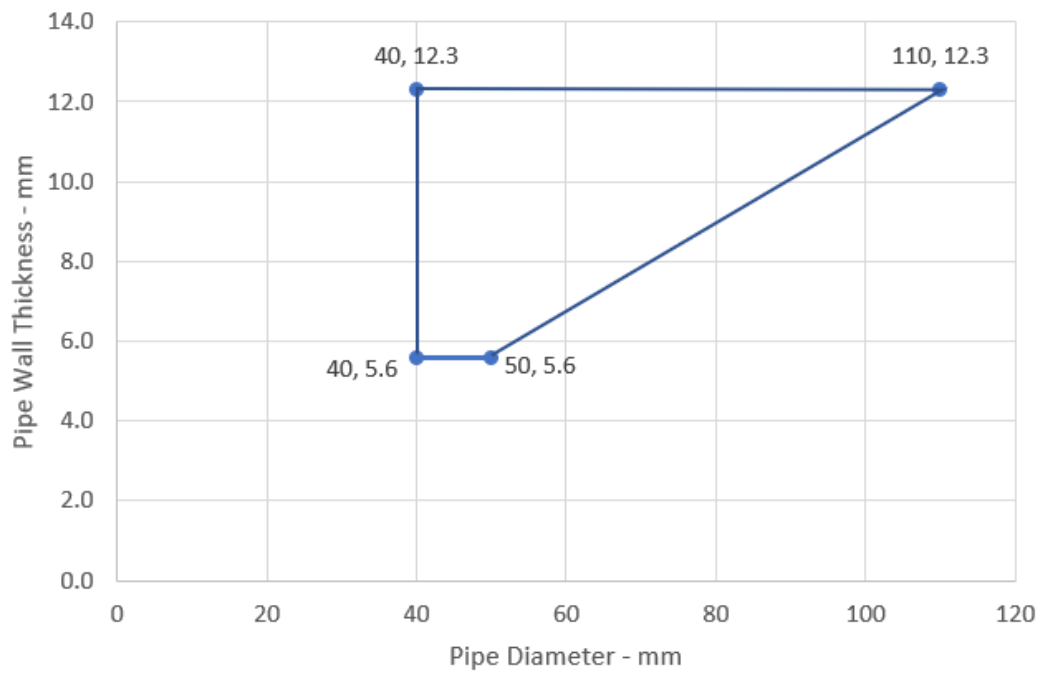
### Rehau Raupiano Plus -EI 120 U/U



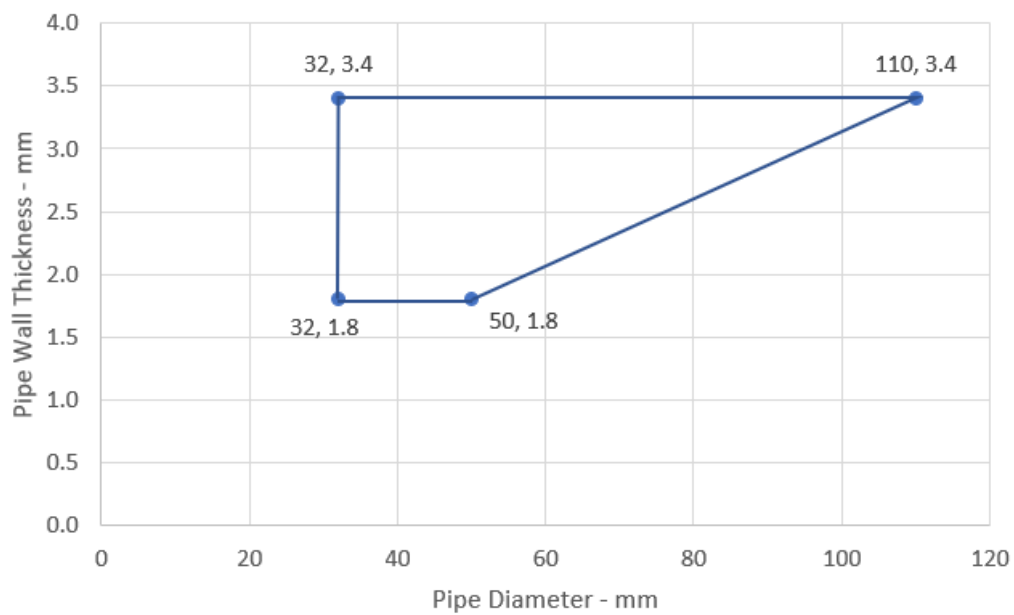
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Aquatherm Green - EI 240 C/C



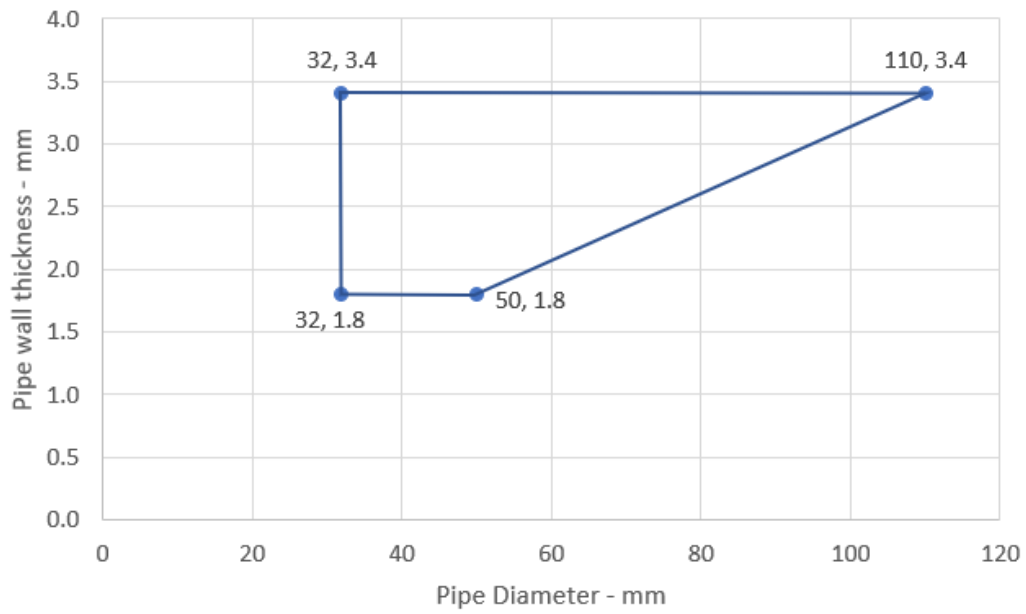
### Wavin SiTech Pipes - EI 120 U/C



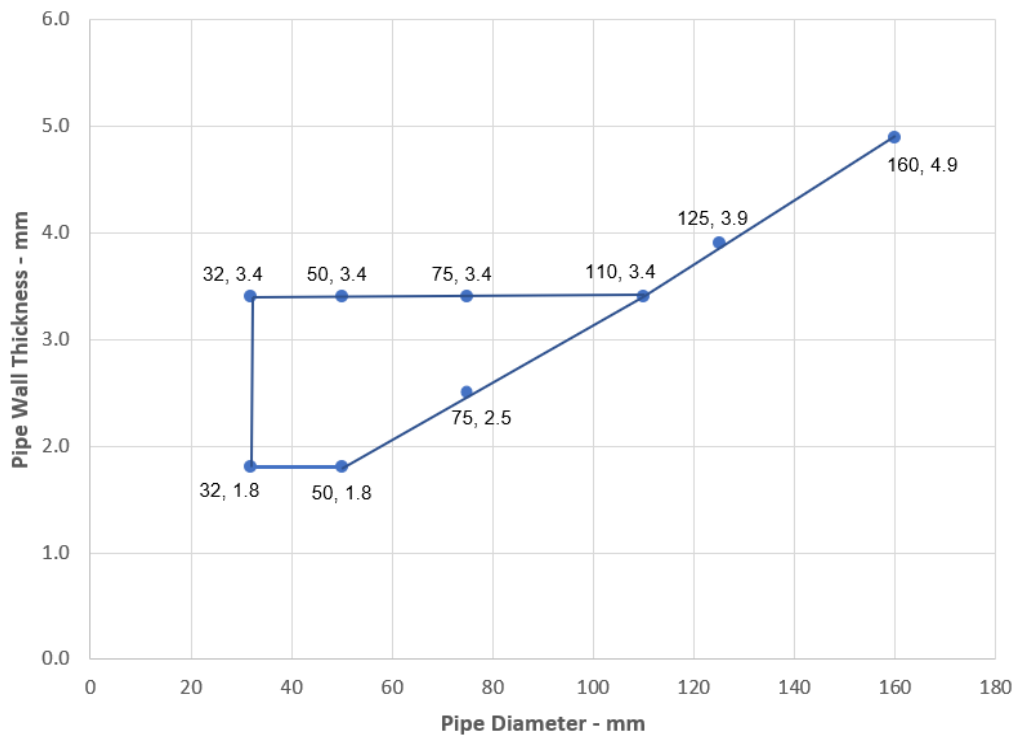
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Gilbert Silent PP - EI 120 U/C



### BluePower Pipes 32-110 / 50 mm Wrap - U/C



#### Declaration of Performance

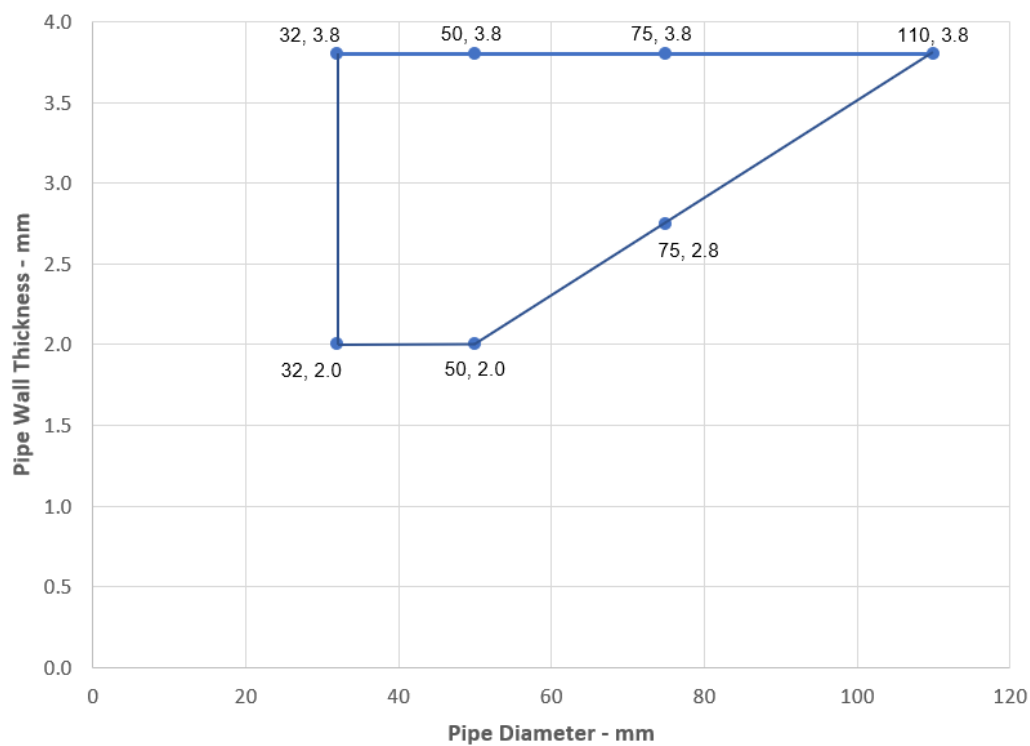
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

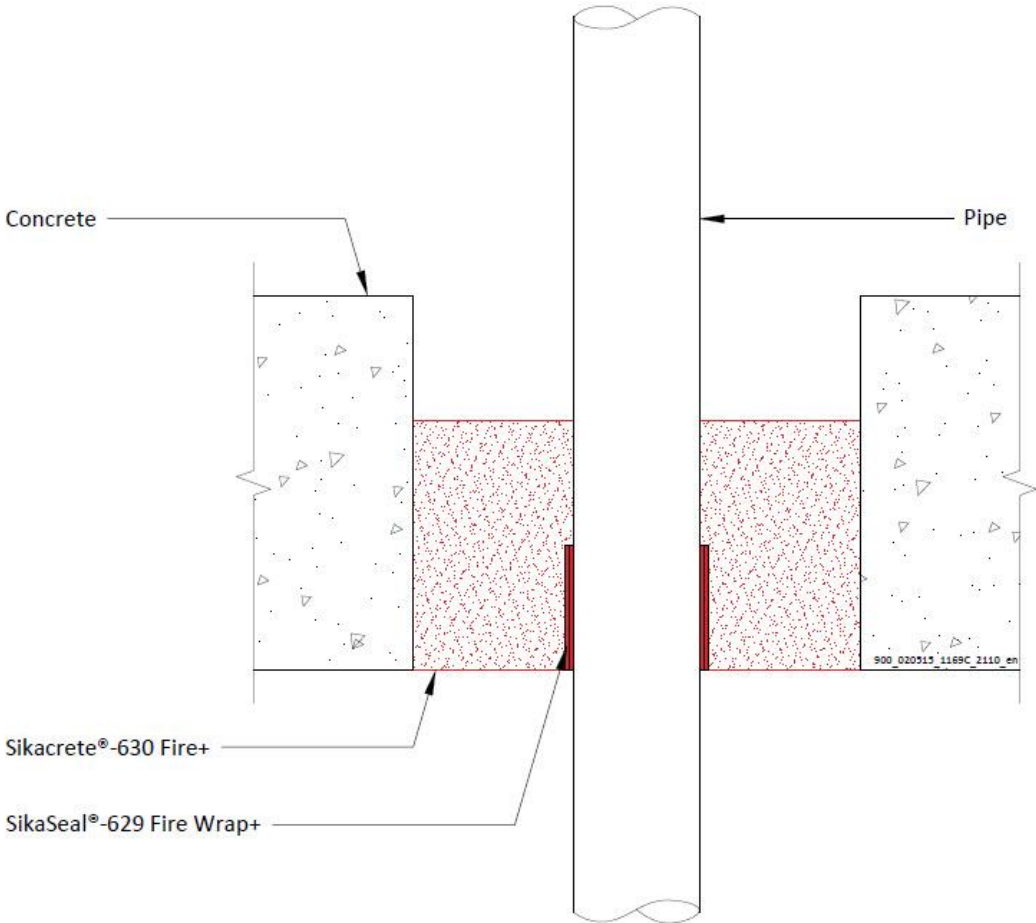
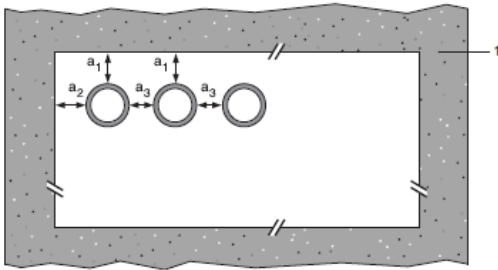
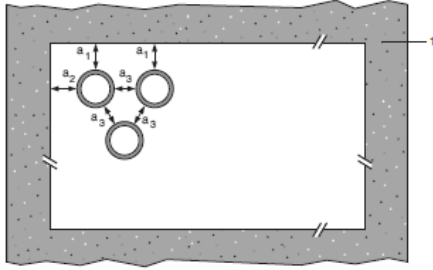
## Uponor Decibel Pipes 32-110 / 50 mm Wrap - U/C



### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

A.2.12 Pipe penetration seal with Sikacrete-630 Fire+

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).</p> <p>Construction details:</p>  |                                                                                                                    |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                                                                                                                                                                                             | <p><b>Configuration 2</b></p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                                                                                                                               |                                                                                                                    |

## A.2.12.1

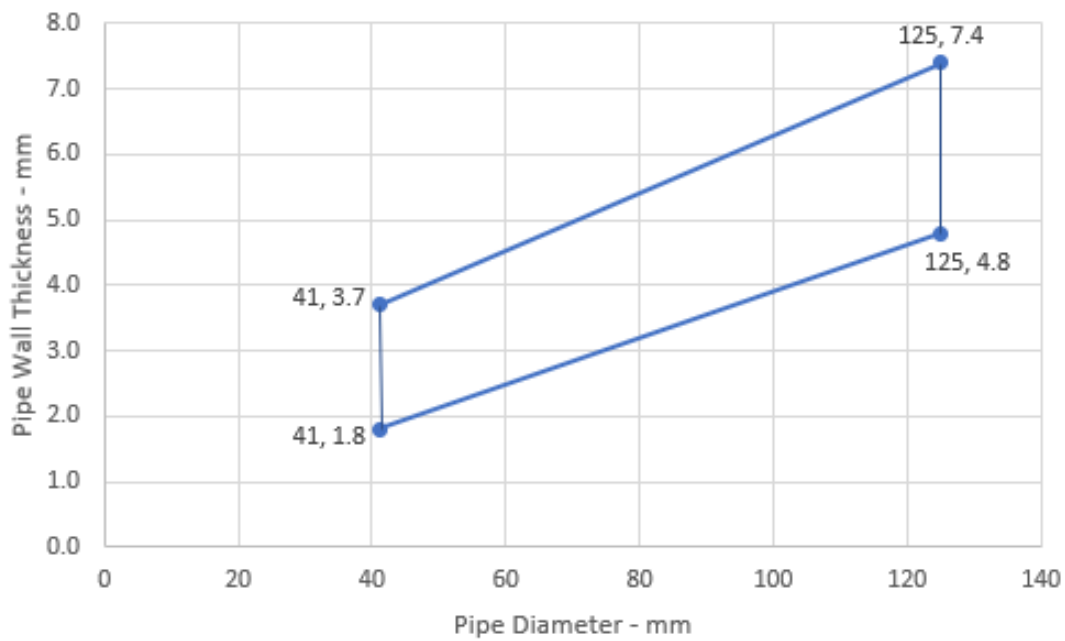
| Services                                                                                         | Wrap                           | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification            |
|--------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|---------------------------|
| <b>PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1</b> |                                |                                             |                                       |                           |
| Diameter 41 mm, wall thickness 1.8-3.7 mm to diameter 125 mm, wall thickness 4.8-7.4 mm*         | 50 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | EI 60 U/U                 |
| 125 mm diameter / 7.4 mm wall                                                                    | 50 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | EI 120 U/U                |
| Diameter 126 mm, wall thickness 4.8-7.4 mm to diameter 160 mm, wall thickness 9.5 mm*            | 75 x 10.8 mm (6 x 1.8 layers)  | 1                                           | 150 mm                                | E 120 U/U,<br>EI 30 U/U   |
| 160 mm diameter / 9.5 mm wall                                                                    | 75 x 7.2 mm (4 x 1.8 layers)   | 1                                           | 150 mm                                | E 120 U/U,<br>EI 30 U/U   |
| 160 mm diameter / 4.5-9.5 mm wall thickness                                                      | 50 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 120 U/C,<br>EI 120 C/C |
| Diameter 161 mm, wall thickness 4.5-9.5 mm to diameter 200 mm, wall thickness 4.9-11.9 mm*       | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 120 C/C                |
| 200 mm diameter / 4.9-11.9 mm wall thickness                                                     | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 240 C/C                |
| Diameter 201 mm, wall thickness 4.9-11.9 mm to diameter 315 mm, wall thickness 7.7 mm*           | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 120 C/C                |
| 315 mm diameter / 7.7 mm wall thickness                                                          | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 120 C/C                |
| Diameter 161 mm, wall thickness 4.5-9.5 mm to diameter 315 mm, wall thickness 7.7-12.1 mm*       | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 90 C/C                 |
| 315 mm diameter / 12.1 mm wall thickness                                                         | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 90 C/C                 |
| Diameter 315 mm, wall thickness 7.7-12.1 mm to diameter 400 mm, wall thickness 15.3 mm*          | 75 x 28.8 mm (16 x 1.8 layers) | 1                                           | 120 mm                                | EI 60 C/C                 |
| 400mm diameter / 15.3 mm wall thickness                                                          | 75 x 28.8 mm (16 x 1.8 layers) | 1 & 2                                       | 120 mm                                | EI 60 C/C                 |

\* Typical pipe diameters shown, see below graph for intermediate sizes

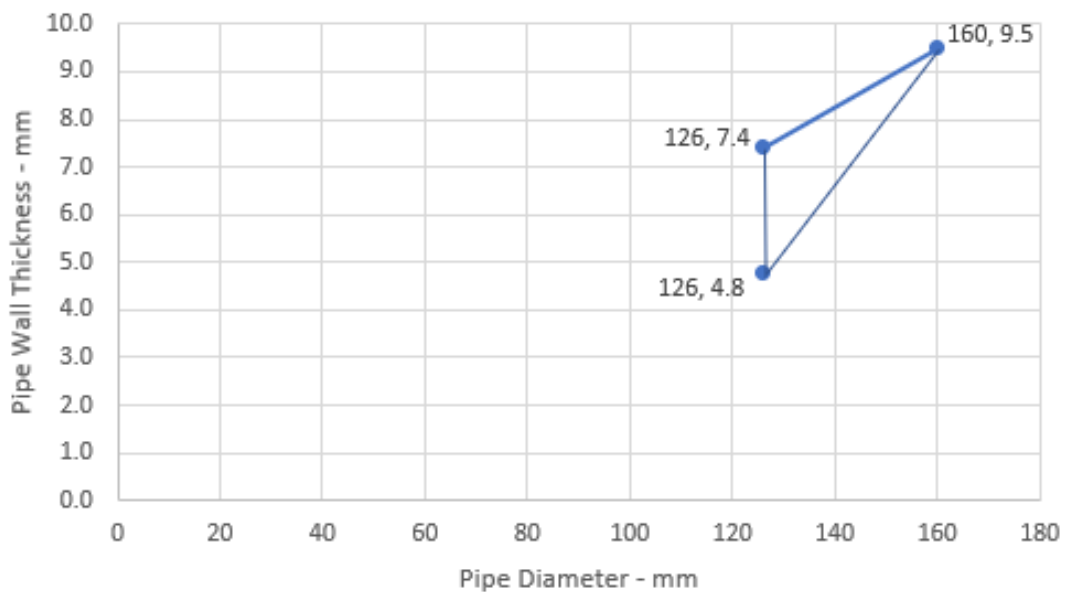
### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PVC-U Pipes 41-125 mm Diameter - EI 60 U/U



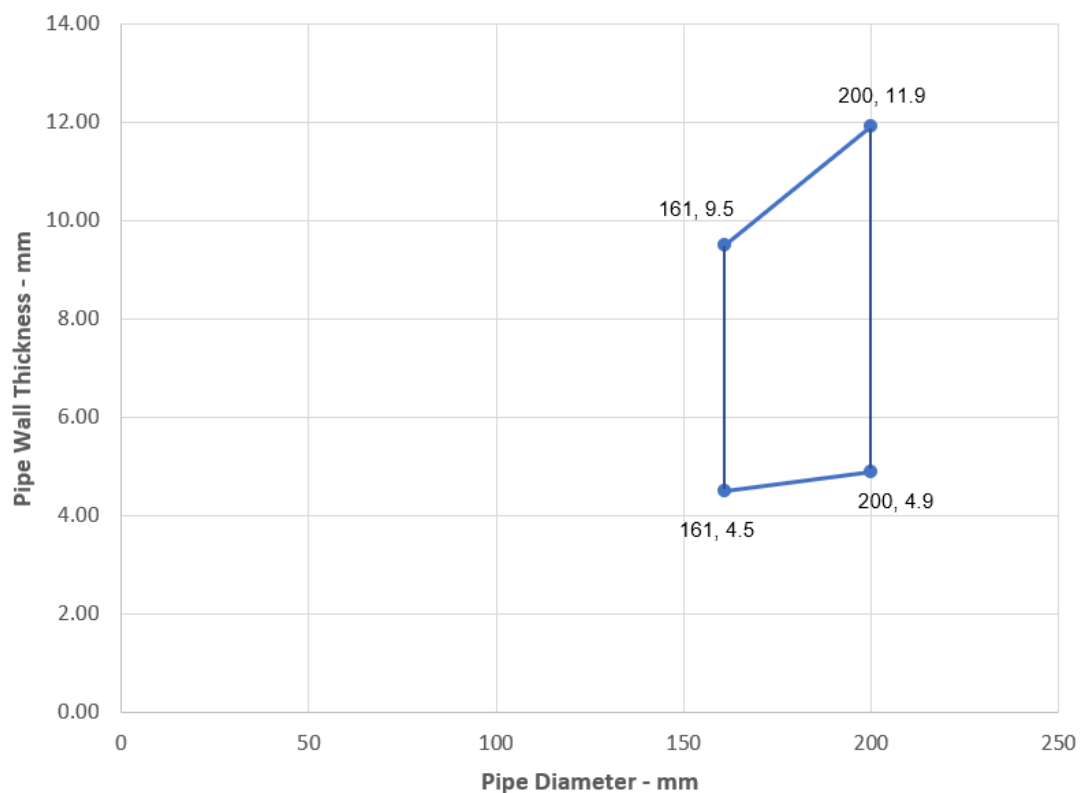
### PVC-U Pipes 126-160 mm Diameter - E 120 U/U, EI 30 U/U



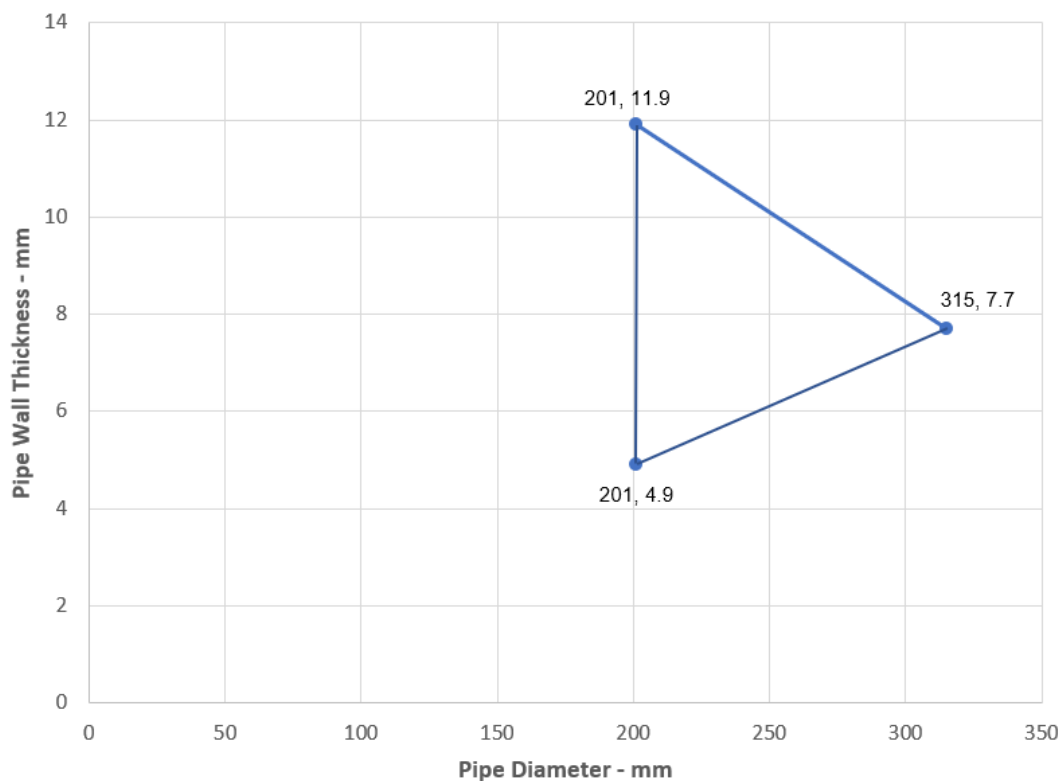
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PVC Pipes 161-200 mm Diameter - EI 120 - C/C



### PVC Pipes 201-315 mm Diameter - EI 120 - C/C



#### Declaration of Performance

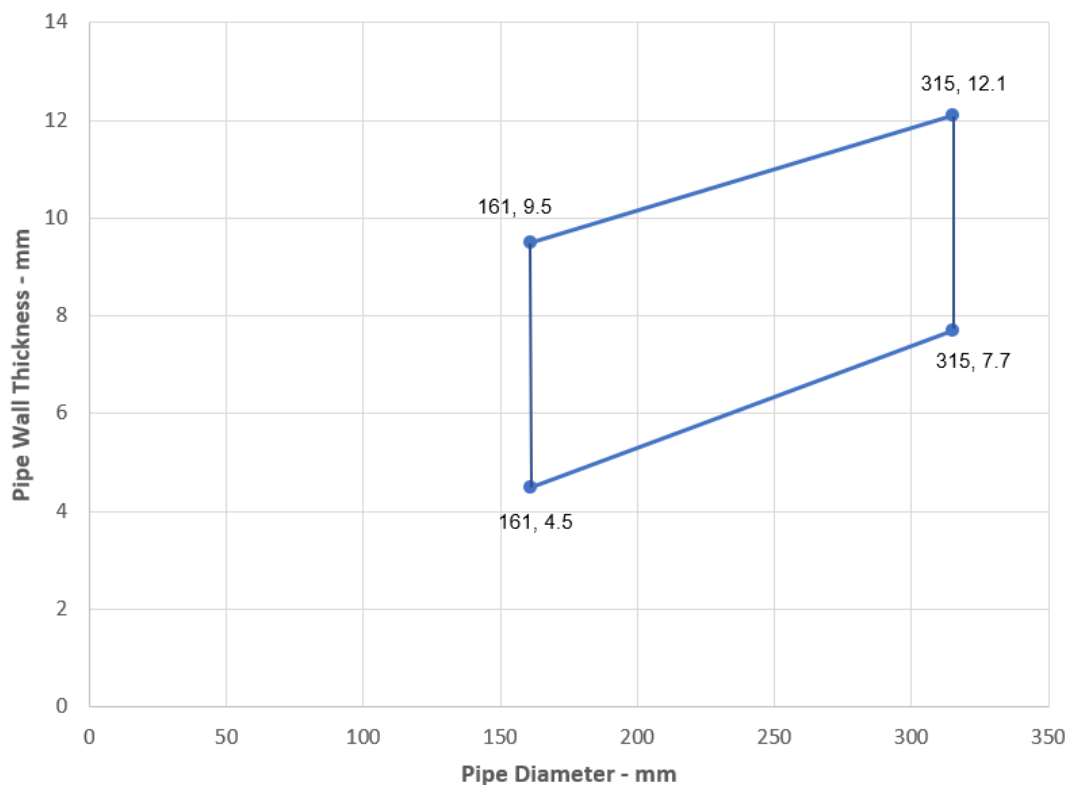
Sikacrete-630 Fire+

20537727

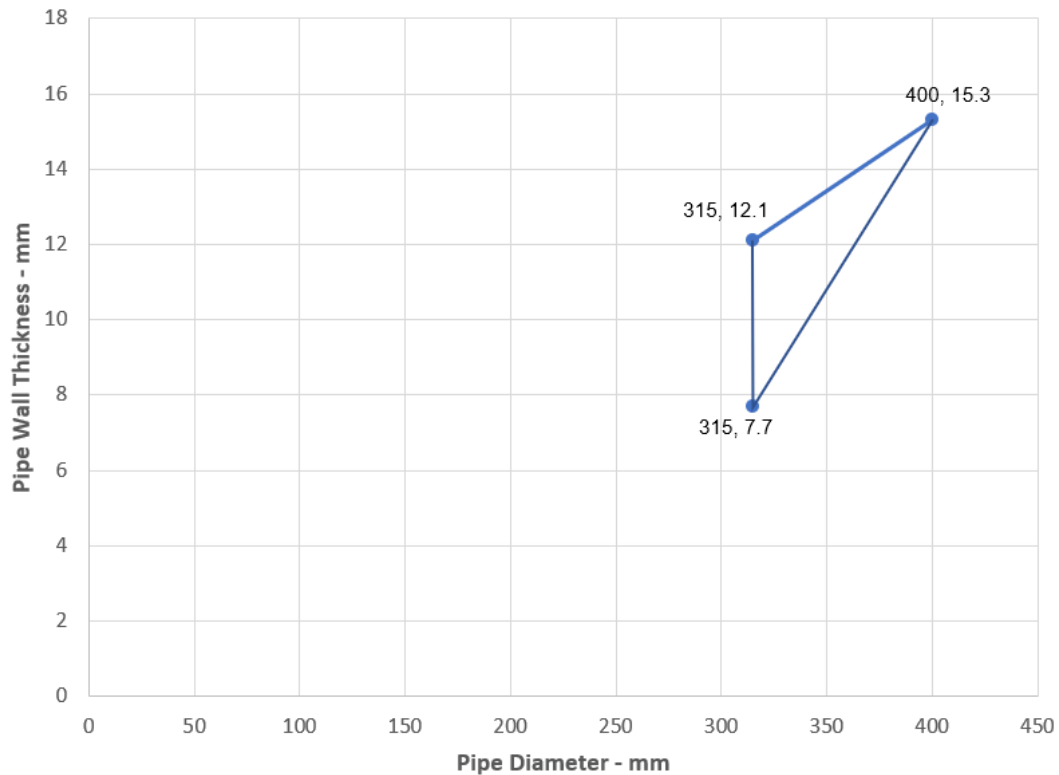
2025.01, ver. 1

1549

### PVC Pipes 161-315 mm Diameter - EI 90 - C/C



### PVC Pipes 315-400 mm Diameter - EI 60 - C/C



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

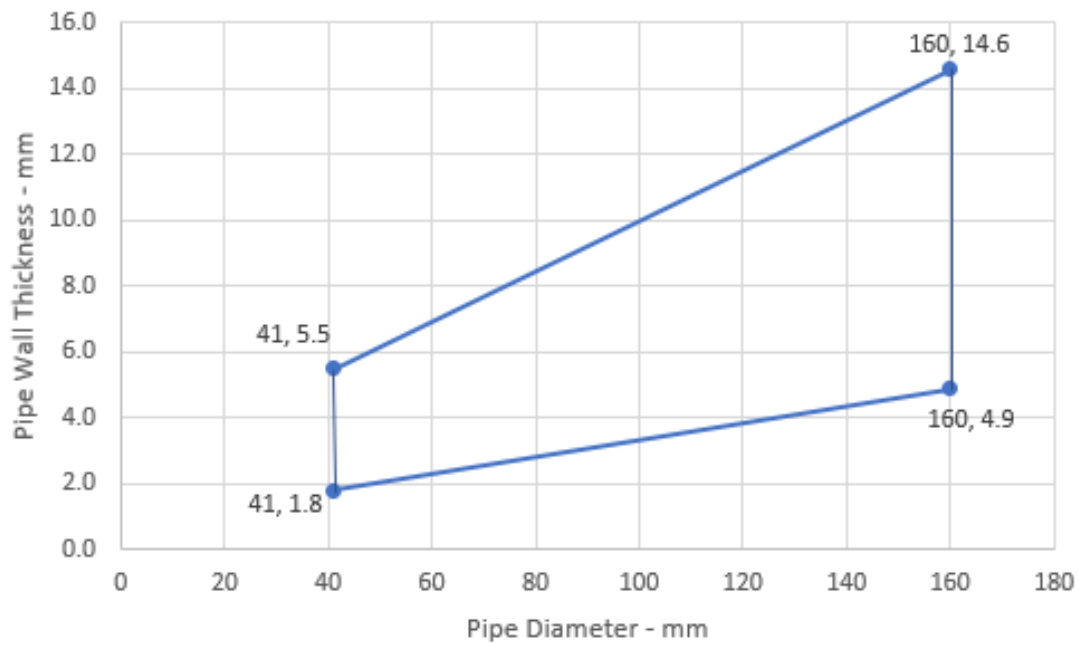
| Services                                                                                    | Wrap                           | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification    |
|---------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|-------------------|
| <b>PP pipes according to EN 1451-1</b>                                                      |                                |                                             |                                       |                   |
| Diameter 41 mm, wall thickness 1.8-5.5 mm to diameter 160 mm, wall thickness 4.9-14.6 mm*   | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 150 mm                                | <b>EI 120 U/C</b> |
| 160 mm diameter / 14.6 mm wall                                                              | 75 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | <b>EI 240 U/U</b> |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 200 mm, wall thickness 4.9-18.2 mm* | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | <b>EI 240 C/C</b> |
| Diameter 201 mm, wall thickness 4.9-18.2 mm to diameter 315 mm, wall thickness 7.7 mm*      | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 180 C/C</b> |
| Diameter 201 mm, wall thickness 4.9-18.2 mm to diameter 315 mm, wall thickness 7.7-28.6 mm* | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 60 C/C</b>  |
| 315 mm diameter / 7.7 mm wall                                                               | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 180 C/C</b> |
| 315 mm diameter / 7.7-28.6 mm wall                                                          | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 150 mm                                | <b>EI 60 C/C</b>  |
| Diameter 315 mm, wall thickness 7.7-28.6 mm to diameter 400 mm, wall thickness 22.7 mm*     | 75 x 28.8 mm (16 x 1.8 layers) | 1                                           | 150 mm                                | <b>EI 60 C/C</b>  |
| 400mm diameter / 22.7 mm wall thickness                                                     | 75 x 28.8 mm (16 x 1.8 layers) | 1 & 2                                       | 150 mm                                | <b>EI 60 C/C</b>  |

\* Typical pipe diameters shown, see below graph for intermediate sizes

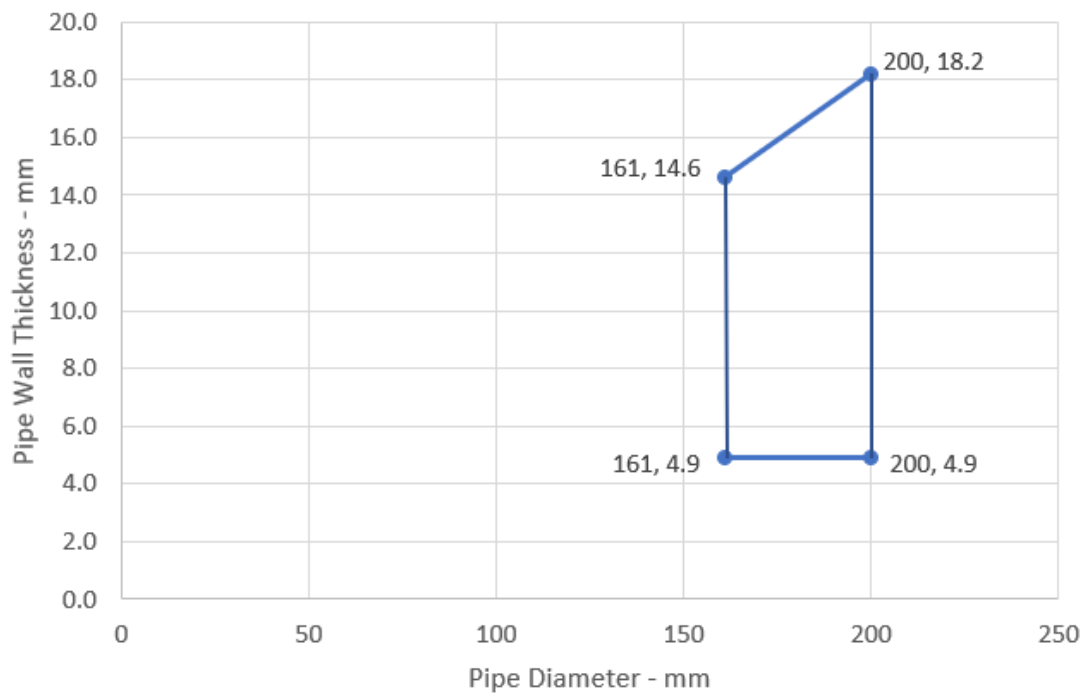
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PP Pipes 41-160 mm Diameter - EI 120 U/C



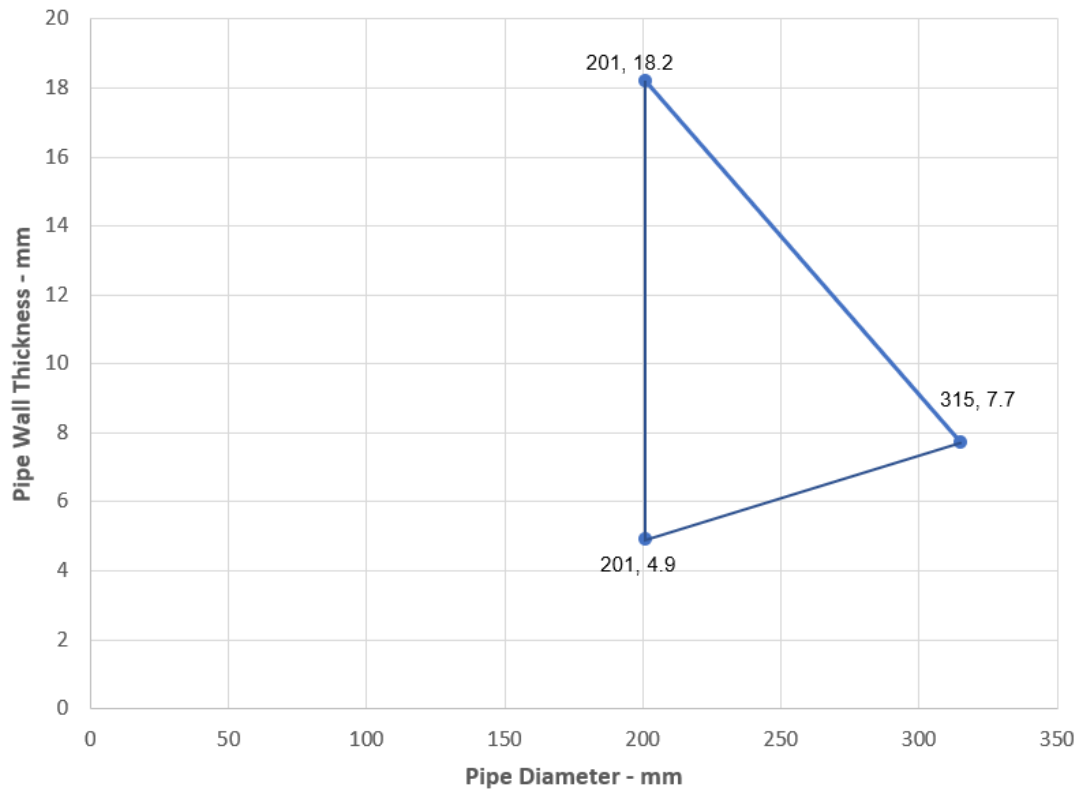
### PP Pipes - EI 240 C/C



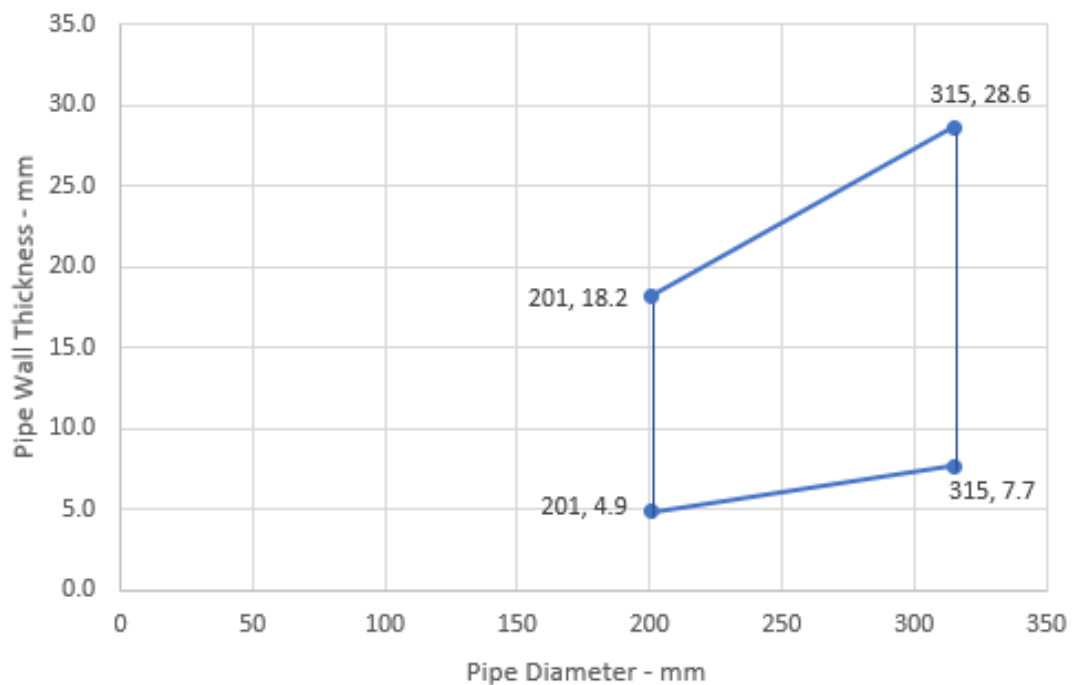
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PP Pipes 201-315 mm Diameter - EI 180 - C/C



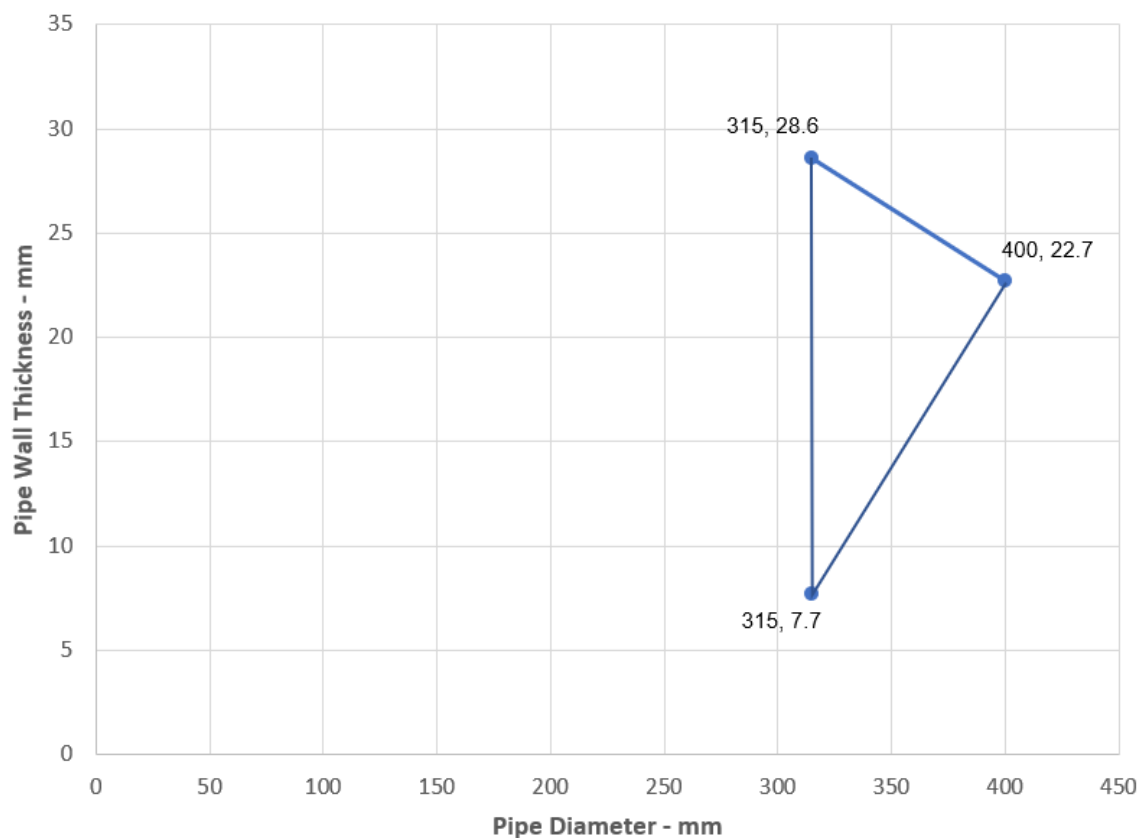
### PP Pipes - EI 60 C/C



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## PP Pipes 315-400 mm Diameter - EI 60 - C/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

54/189

**BUILDING TRUST**



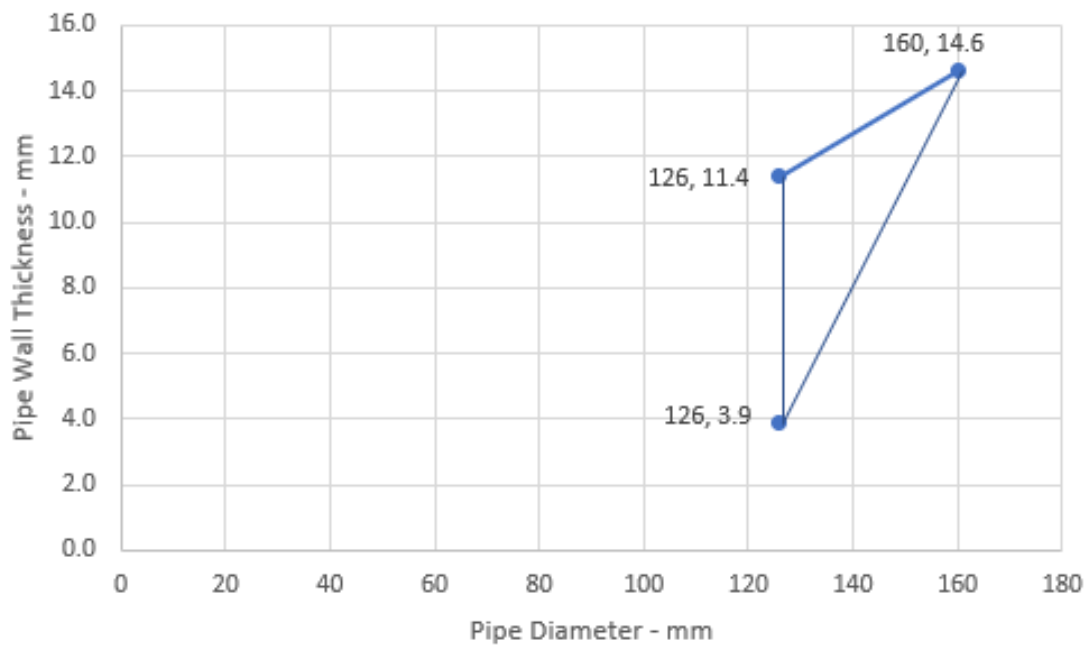
| Services                                                                                                                                         | Wrap                          | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification               |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|---------------------------------------|------------------------------|
| <b>PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1</b> |                               |                                             |                                       |                              |
| Diameter 126 mm, wall thickness 3.9-11.4 mm to diameter 160 mm, wall thickness 14.6*                                                             | 75 x 18 mm (10 x 1.8 layers)  | N/A                                         | 150 mm                                | <b>E 240 U/U, EI 120 U/U</b> |
| 160 mm diameter / 14.6 mm wall                                                                                                                   | 75 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | 150 mm                                | <b>E 240 U/U, EI 120 U/U</b> |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 200 mm, wall thickness 6.2-18.2 mm*                                                      | 75 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | 150 mm                                | <b>EI 120 C/C</b>            |
| 200 mm diameter / 6.2-18.2 mm wall thickness                                                                                                     | 75 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | 120 mm                                | <b>EI 240 C/C</b>            |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 315 mm, wall thickness 9.7-18.7 mm*                                                      | 75 x 18 mm (10 x 1.8 layers)  | N/A                                         | 150 mm                                | <b>EI 60 C/C</b>             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

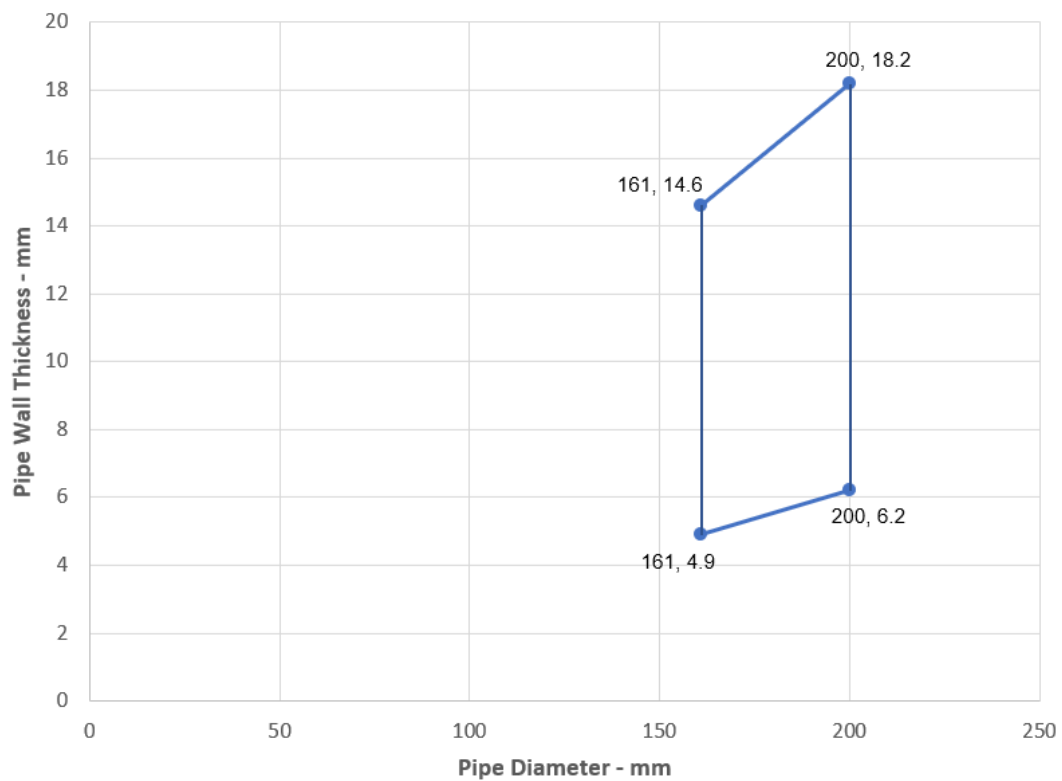
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PE Pipes 126-160 mm Diameter - E 240 U/U, EI 120 U/U



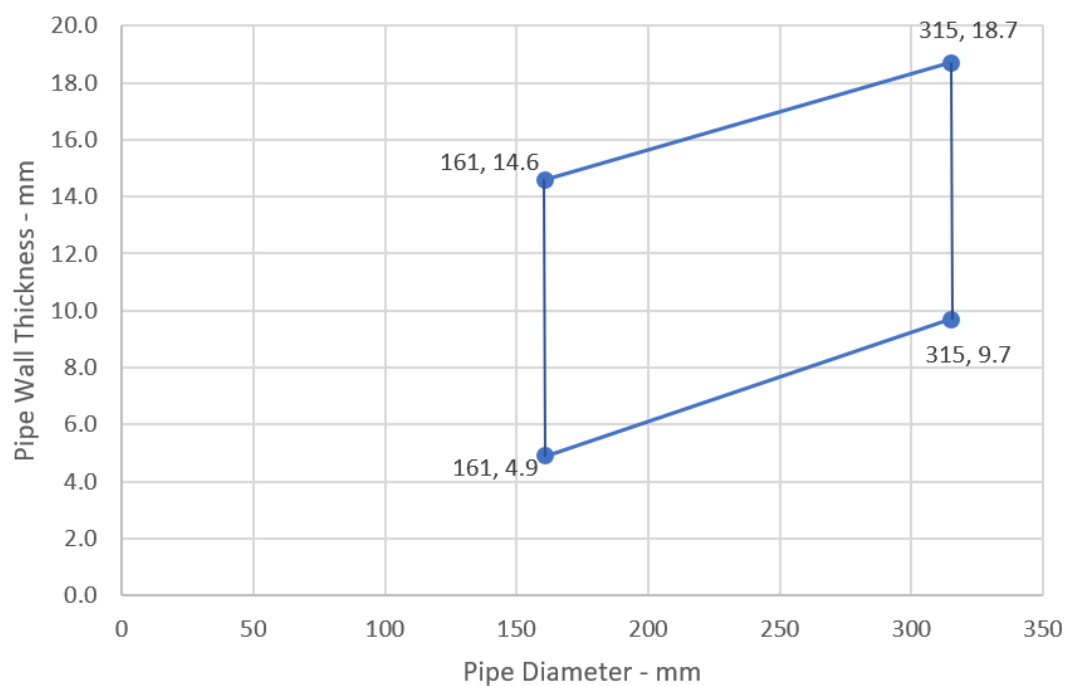
### PE Pipes 161-200 mm Diameter - EI 120 - C/C



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## PE Pipes - EI 60 C/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

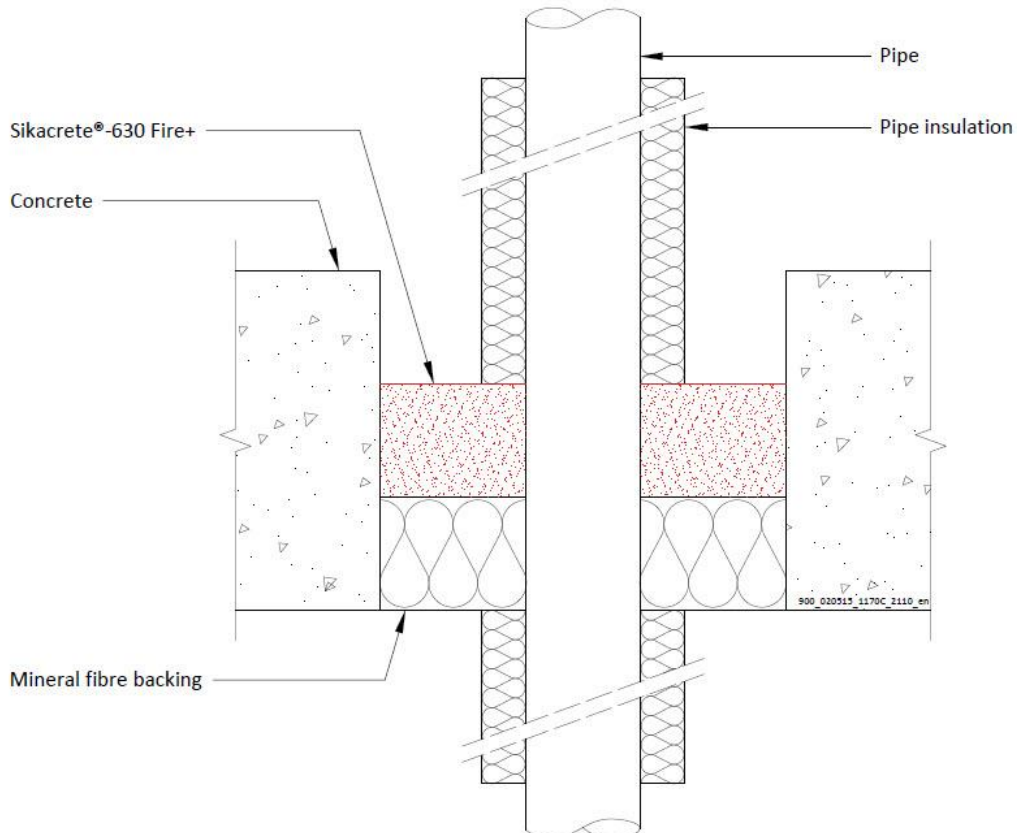
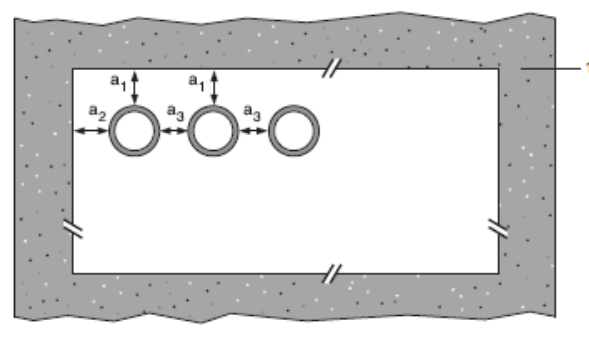
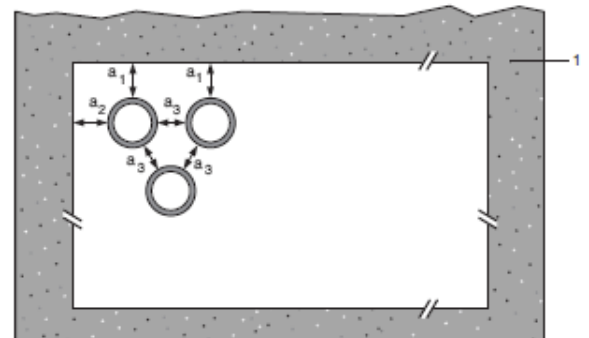
1549

57/189

**BUILDING TRUST**



**A.2.13 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+**

|                                                                                                                                                                                                                                                                                                                                                          |                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> CI (Continuous Interrupted) or LI (Local Interrupted) insulated composite pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>.</p> |                                                                                                             |
| <p>Construction details:</p>                                                                                                                                                                                                                                          |                                                                                                             |
| <p>Configuration 1</p>                                                                                                                                                                                                                                                | <p>Configuration 2</p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                           |                                                                                                             |

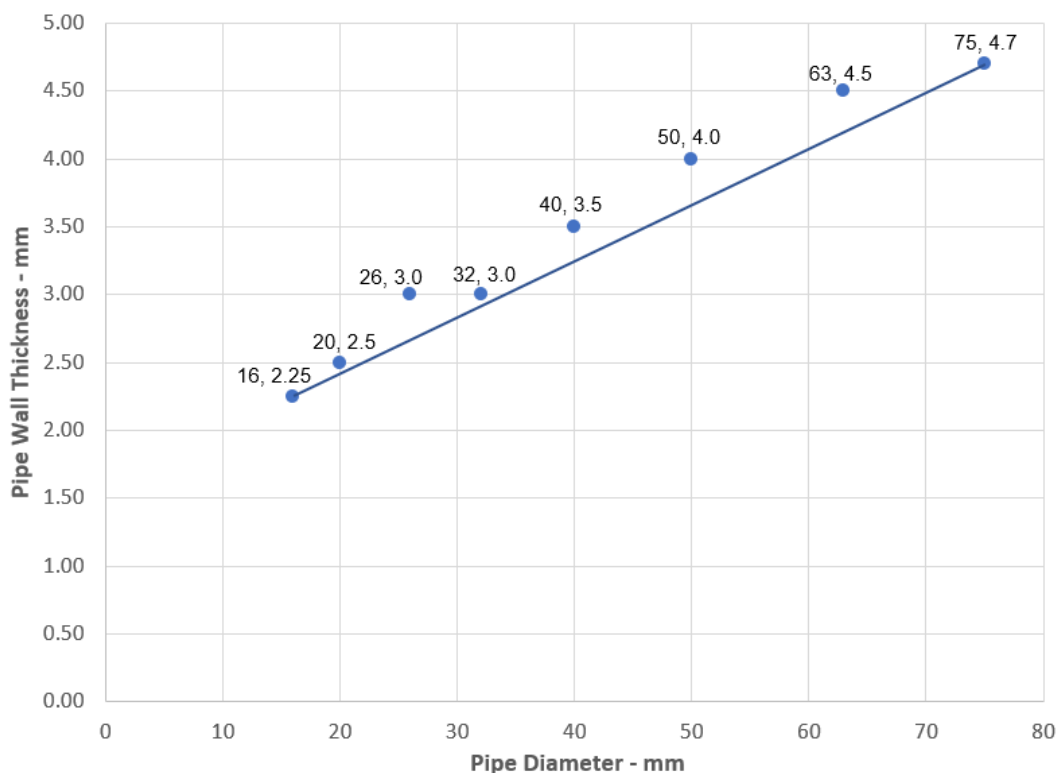
**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.13.1 Single side penetration seal with pipes

| Services                     | Maximum Aperture    | Insulation                                                                             | Classification        |
|------------------------------|---------------------|----------------------------------------------------------------------------------------|-----------------------|
| Alupex pipes                 |                     |                                                                                        |                       |
| 16 mm diameter/2.25 mm wall* | 135 x 135 mm        | 500 mm long,<br>minimum 20 mm<br>Stone wool insulation<br>minimum 80 kg/m <sup>3</sup> | EI 240 C/C            |
| 16 mm diameter/2.25 mm wall* |                     |                                                                                        | E 240 C/C, EI 180 C/C |
| 20 mm diameter/2.5 mm wall*  |                     |                                                                                        |                       |
| 26 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 32 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 40 mm diameter/3.5 mm wall*  |                     |                                                                                        |                       |
| 50 mm diameter/4 mm wall*    |                     |                                                                                        |                       |
| 63 mm diameter/4.5 mm wall*  |                     |                                                                                        |                       |
| 75 mm diameter/4.7 mm wall*  |                     |                                                                                        |                       |
| 16 mm diameter/2.25 mm wall* | As section<br>2. 4) |                                                                                        | EI 180 C/C            |
| 20 mm diameter/2.5 mm wall*  |                     |                                                                                        |                       |
| 26 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 32 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 40 mm diameter/3.5 mm wall*  |                     |                                                                                        |                       |
| 50 mm diameter/4 mm wall*    |                     |                                                                                        |                       |
| 63 mm diameter/4.5 mm wall*  |                     |                                                                                        |                       |
| 75 mm diameter/4.7 mm wall*  |                     |                                                                                        |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness - Alupex Pipes - C/C**

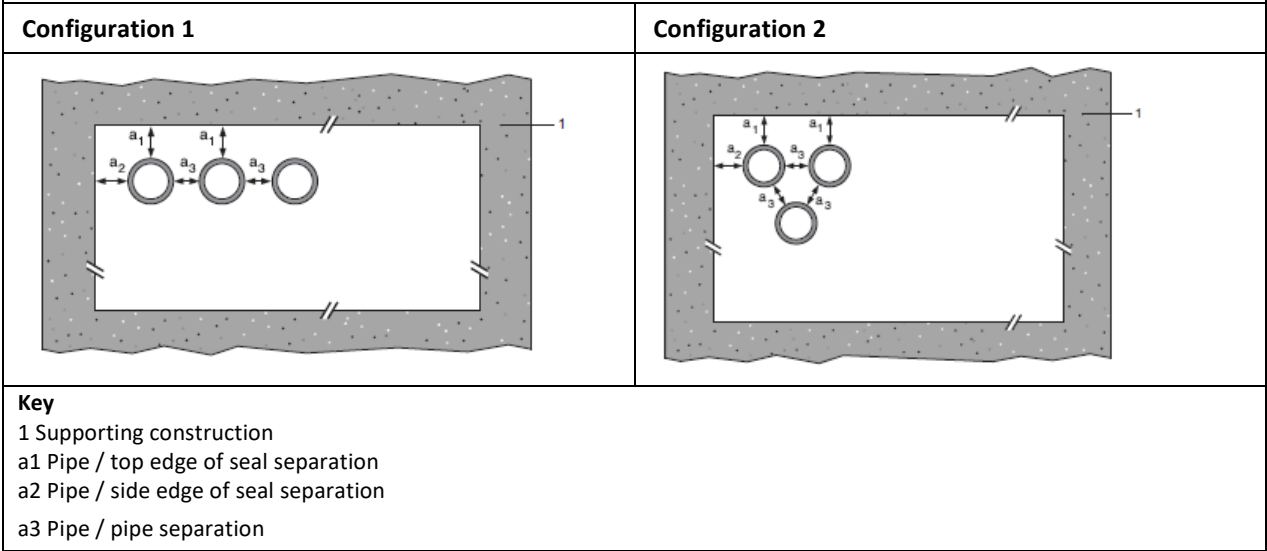
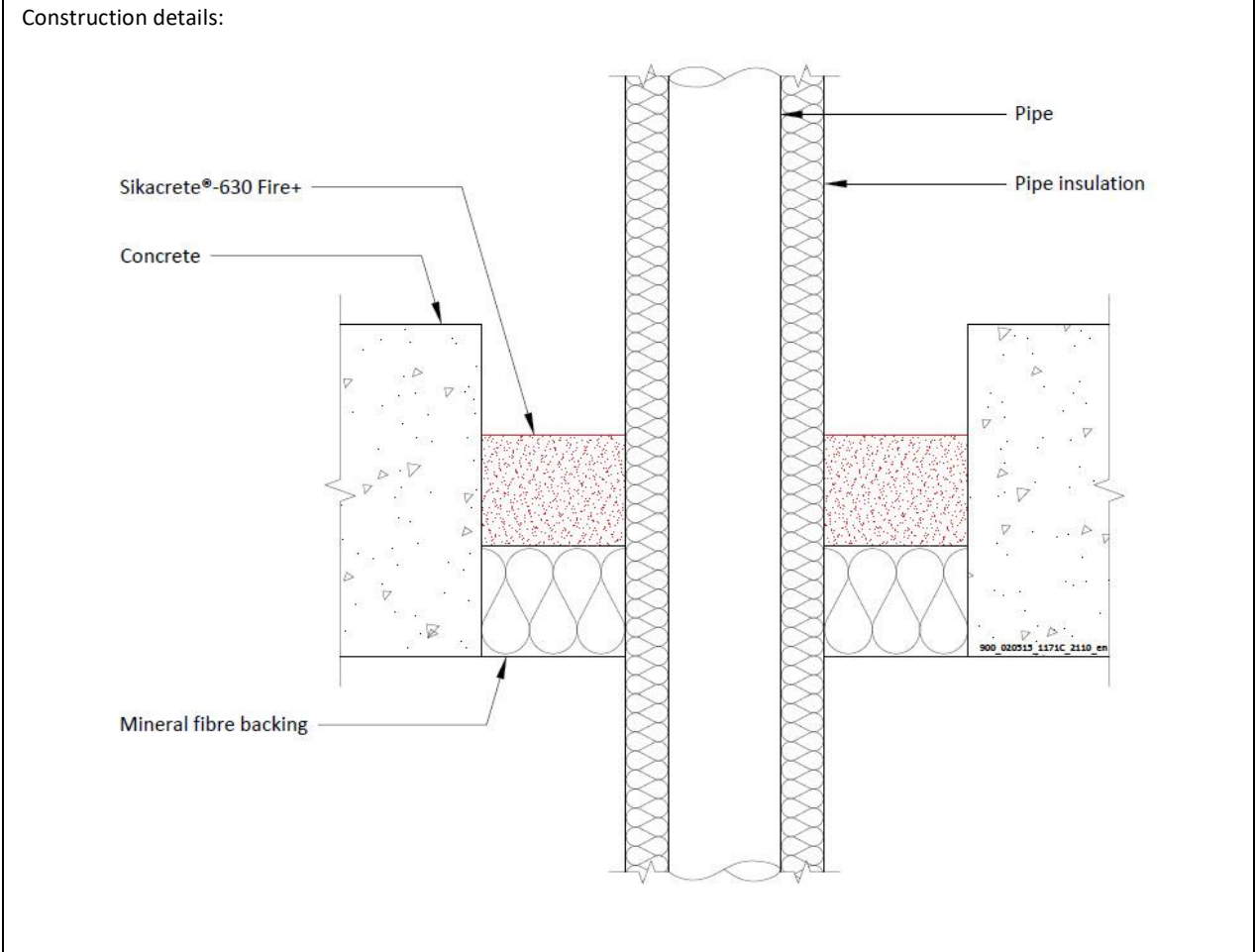


#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

A.2.14 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metal pipes, uninsulated metal pipes and composite with Sikacrete-630 Fire+, to either side of the floor, backed with stone wool board min. 150 kg/m³. Minimum separation from pipes to seal edges of 30 mm (a1 & a2). Maximum seal size as section 2. 4).



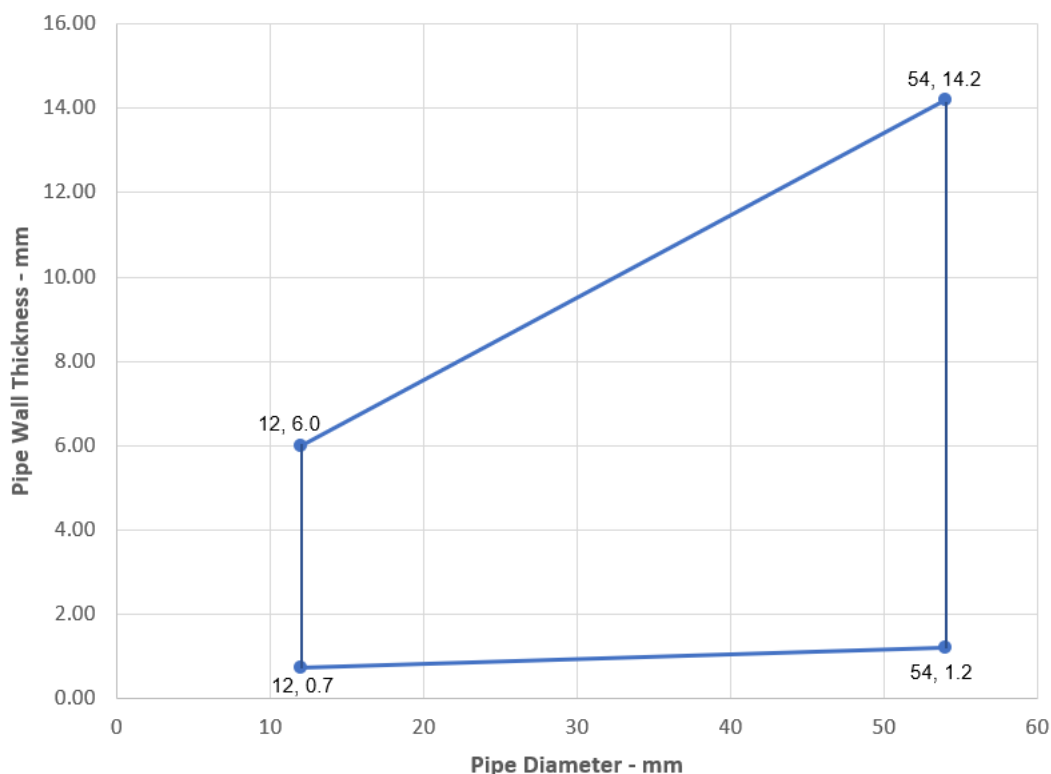
**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.14.1 Single side penetration seal with pipes

| Services                              | Maximum Aperture | Insulation                                                            | Classification        |
|---------------------------------------|------------------|-----------------------------------------------------------------------|-----------------------|
| Copper or steel pipes                 | As section 2. 4) | 20-80 mm Stone wool insulation minimum 80 kg/m <sup>3</sup>           | E 180 C/C, EI 120 C/C |
| 12 -54 mm diameter/0.7-14.2 mm wall*  |                  | None                                                                  | E 180 C/C, EI 120 C/C |
| 6 mm diameter/0.7-3 mm wall*          |                  |                                                                       | E 180 C/C, EI 30 C/C  |
| 7-15 mm diameter/0.7-7.5 mm wall*     |                  |                                                                       | E 180 C/C             |
| 16-54mm diameter/1.2-14.2mm wall*     |                  |                                                                       | E 180 C/C             |
| Steel pipes                           |                  | None                                                                  | EI 180 C/U            |
| 4-16 mm diameter/1.0-8.0 mm wall*     |                  |                                                                       | E 180 C/U, EI 20 C/U  |
| 17-324 mm diameter/6.35-14.2 mm wall* |                  |                                                                       |                       |
| Alupex Pipes                          |                  | None                                                                  | EI 180 C/C            |
| 16-20 mm diameter/2.0 mm wall         |                  |                                                                       | E 180 C/C, EI 30 C/C  |
| 75mm diameter/4.6mm wall              |                  | 20 mm glass- or stone wool insulation minimum 75 kg/m <sup>3</sup>    | EI 180 C/C            |
| 16 mm diameter/2.25 mm wall           |                  |                                                                       | EI 120 C/C            |
| 16-75 mm diameter/2.25-4.6 wall*      |                  | 25-50 mm glass- or stone wool insulation minimum 75 kg/m <sup>3</sup> |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

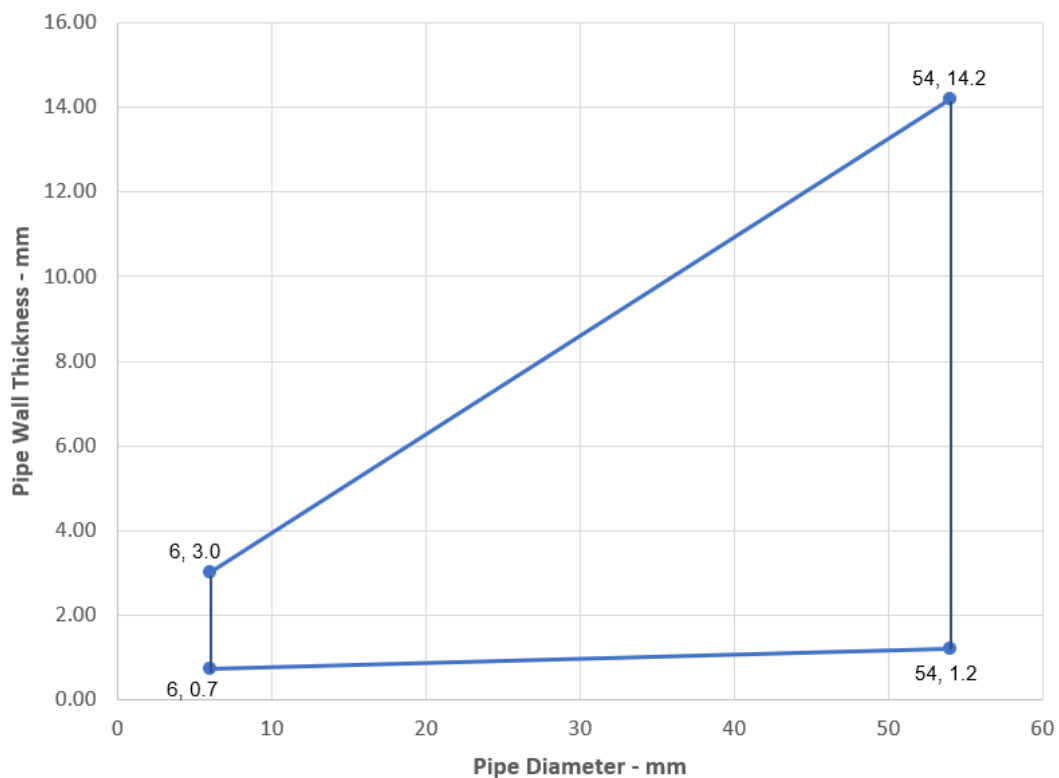
**Copper and Steel pipes with Stonewool Insulation CS**



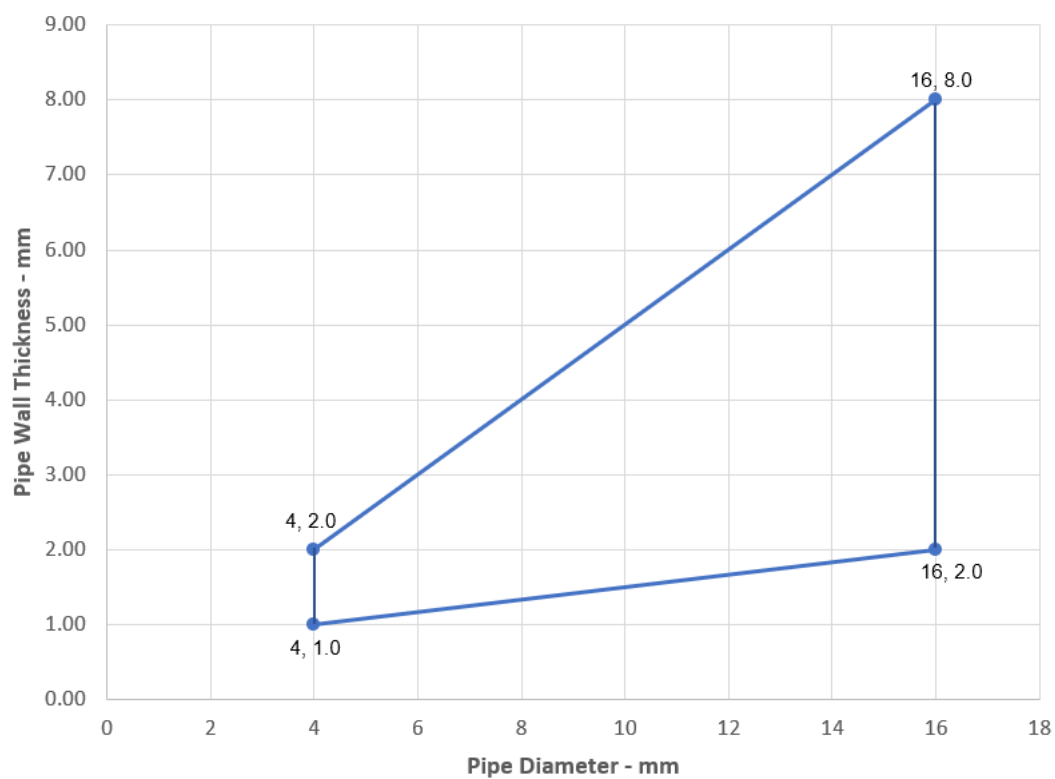
### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Copper and Steel pipes without Insulation



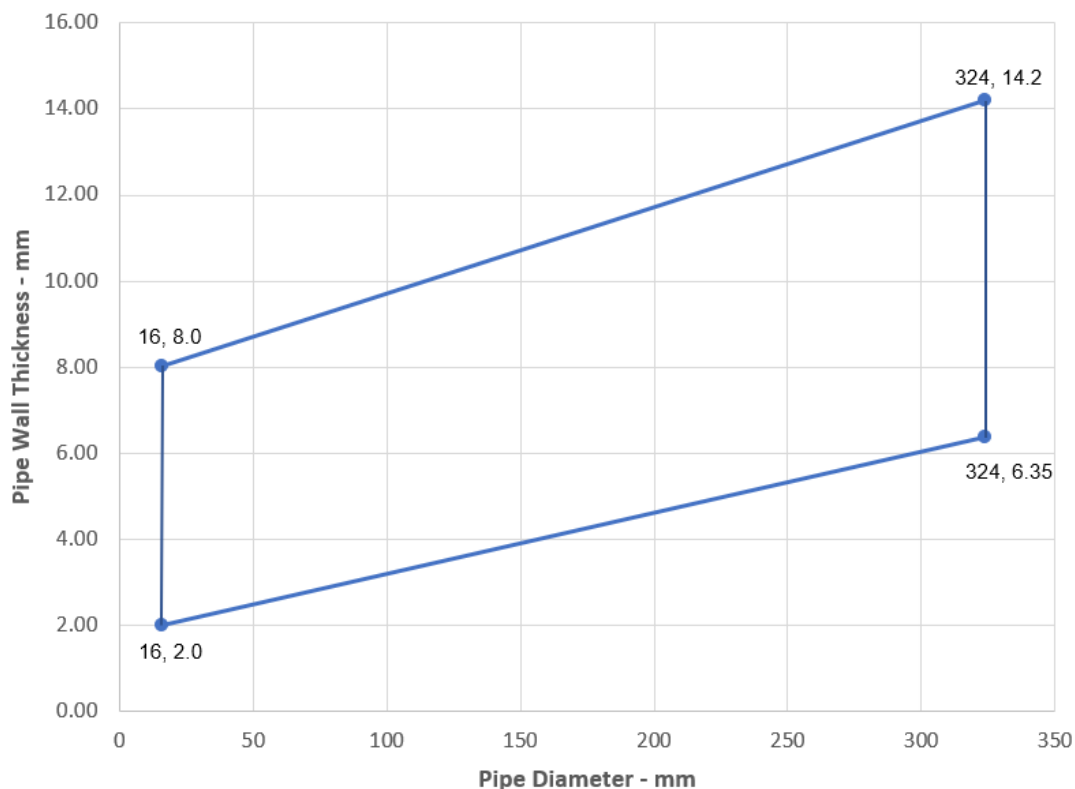
### Steel pipes 4-16 mm Diameter without Insulation



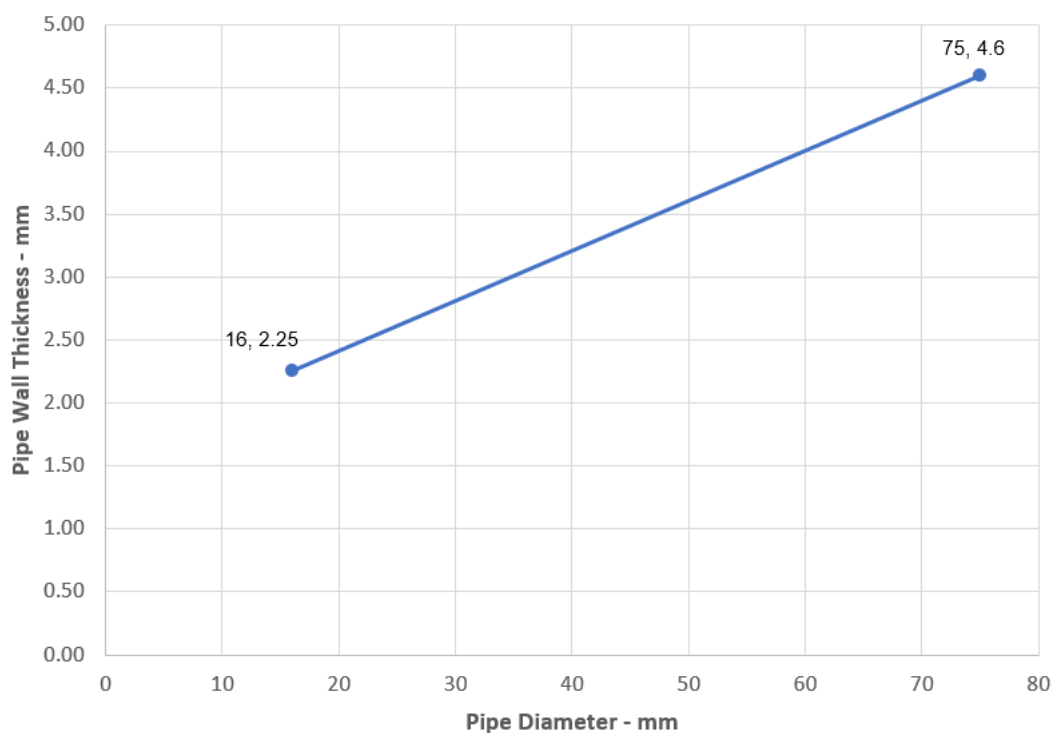
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## Steel pipes 16-324 mm Diameter without Insulation



## Alupex pipes 16-75 mm Diameter with Glass or Stonewool Insulation CS



### Declaration of Performance

Sikacrete-630 Fire+

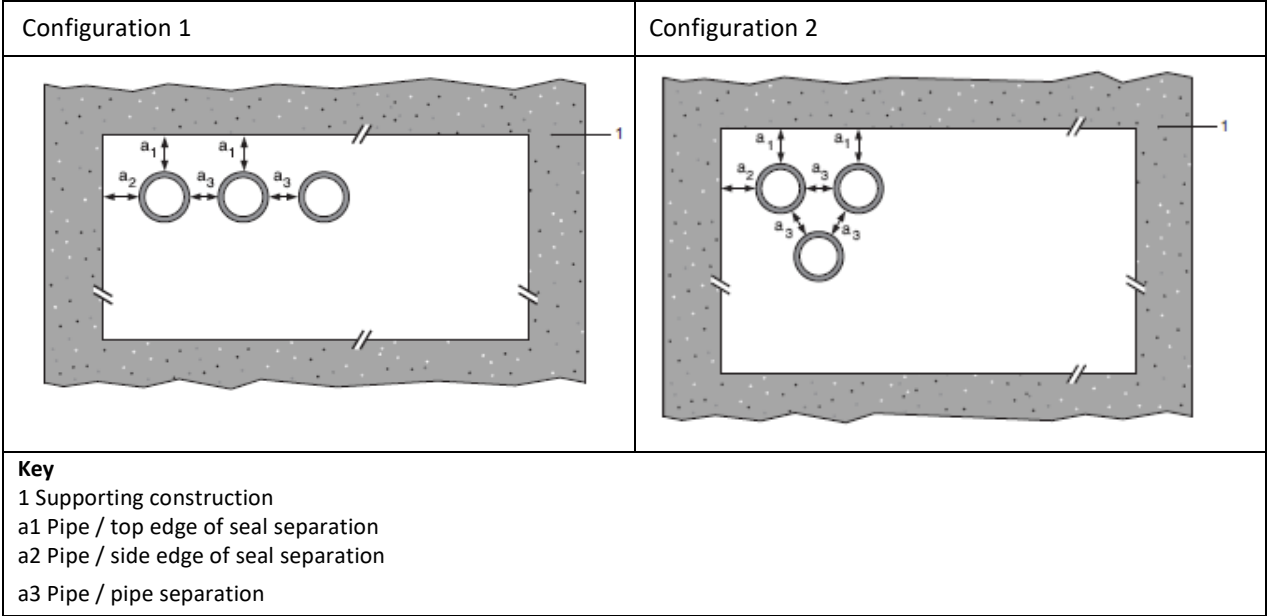
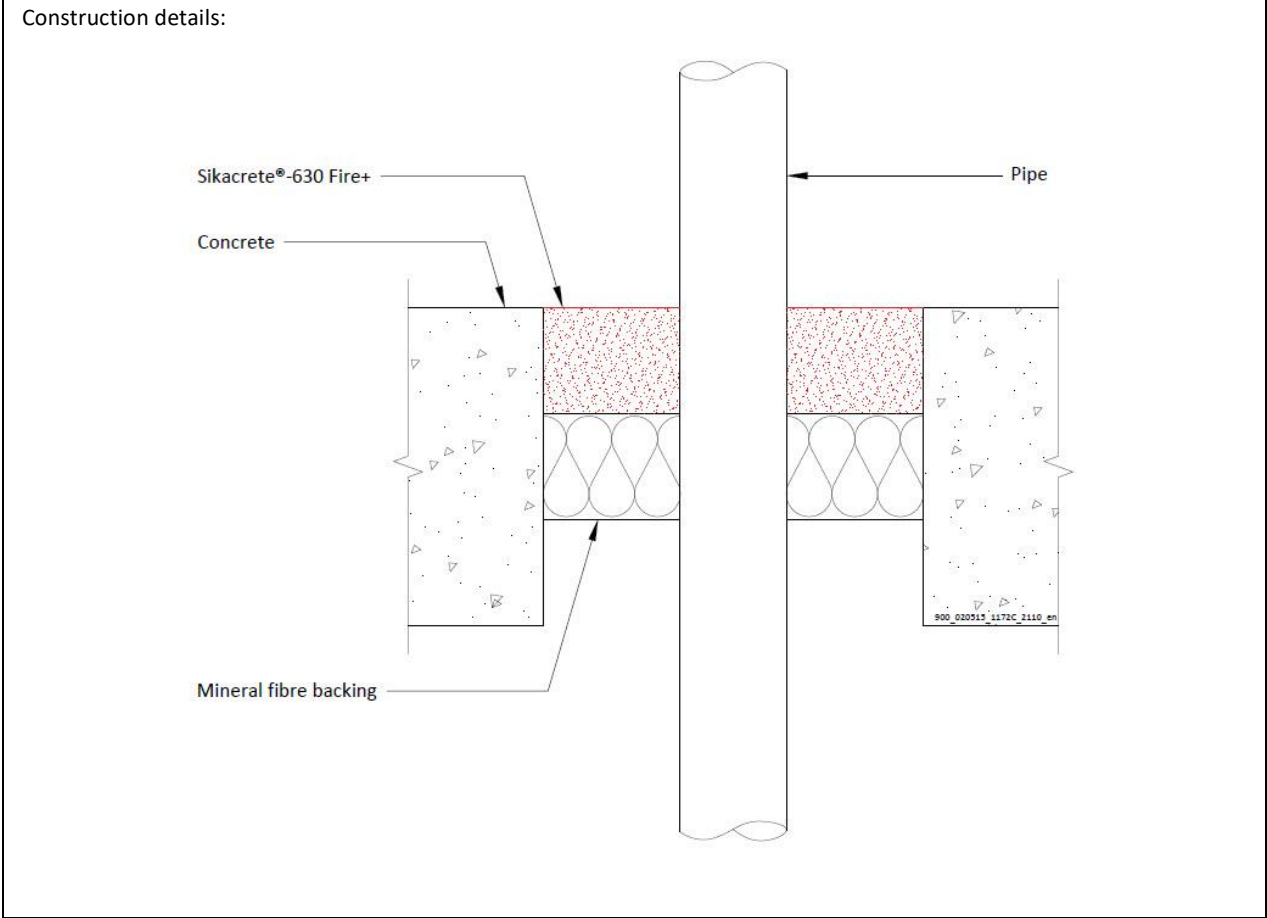
20537727

2025.01, ver. 1

1549

A.2.15 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 50 mm Sikacrete-630 Fire+ flush with the top of floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>



**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**A.2.15.1 Single sided penetration seal with pipes**

| Services                                                                                                                                                                 | Wrap       | Maximum aperture | Classification    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|-------------------|
| 40 mm diameter /3 mm wall PP pipes according to EN 1451-1                                                                                                                | None       | As section 2. 4) | <b>EI 120 C/C</b> |
| 40 mm diameter /4 mm wall PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1\$, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1    |            |                  |                   |
| 110 mm diameter /4.3 mm wall PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1\$, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 | 50 x 1.8mm |                  | <b>EI 60 C/C</b>  |

**Declaration of Performance**

Sikacrete-630 Fire+

20537727

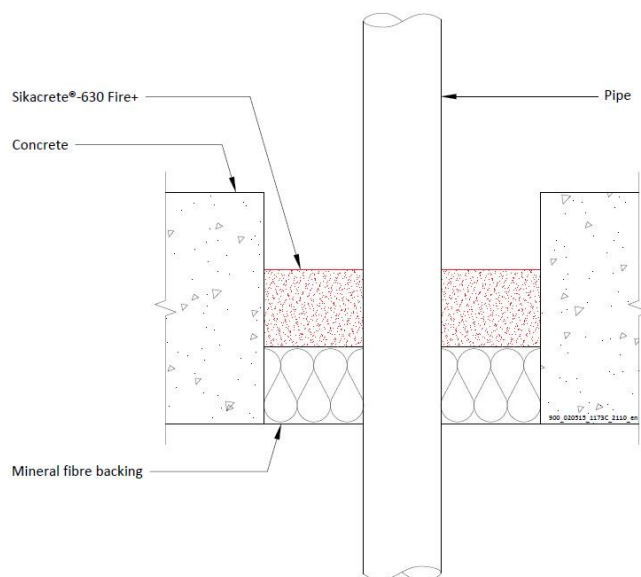
2025.01, ver. 1

1549

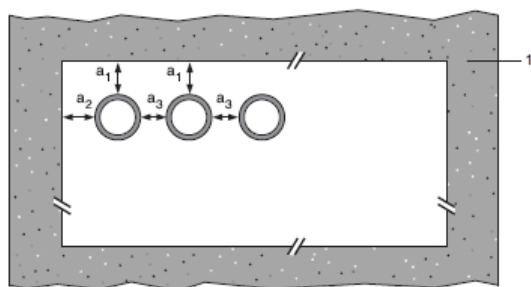
## A.2.16 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Combustible pipes sealed with Sikacrete-630 Fire+, to either side of the floor, backed with stone wool board min. 150 kg/m<sup>3</sup>. Minimum separation between pipes of 30 mm ( $a_3$ ) and from seal edges 30 mm ( $a_1$  &  $a_2$ ). Maximum seal size as section 2. 4).

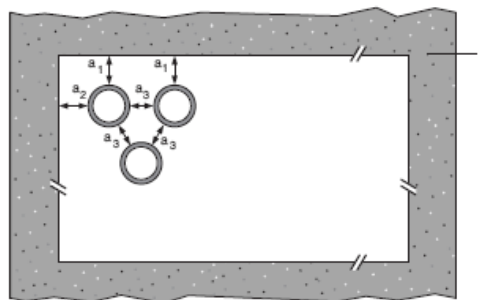
Construction details:



**Configuration 1**



**Configuration 2**



### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

### A.2.16.1 Single side penetration seal with cables

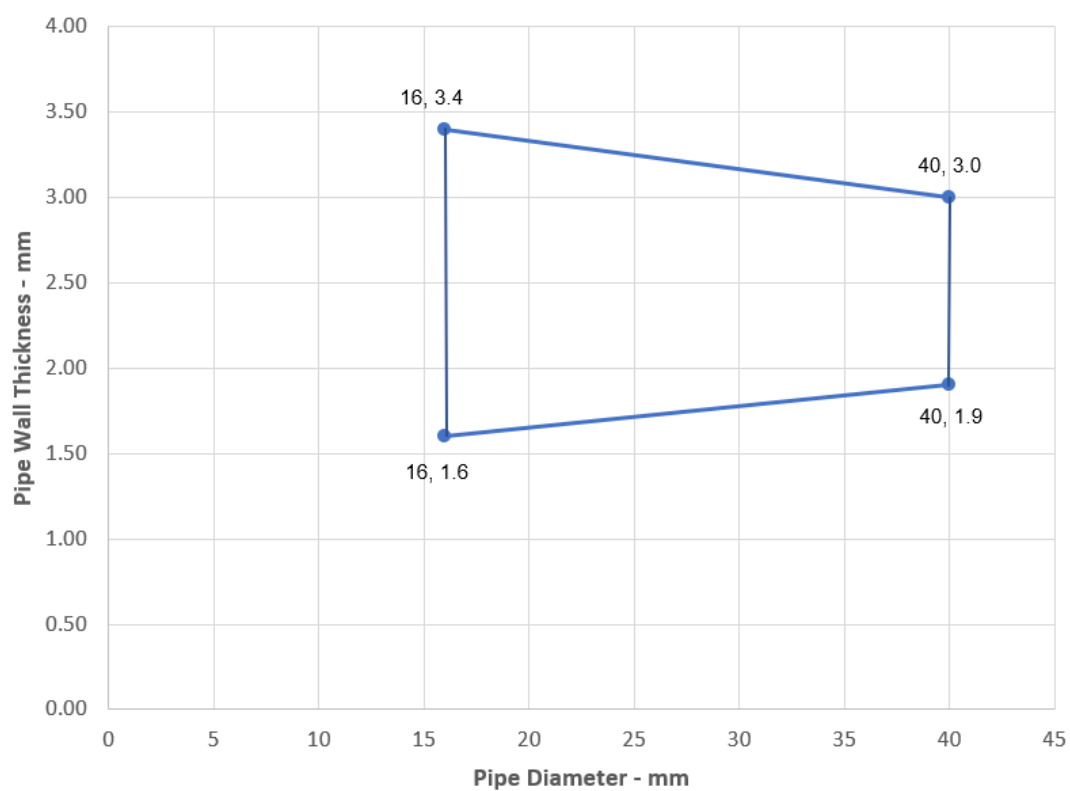
| Services                                                                                                | Seal Depth | Permitted configuration for seal separation | Classification  |
|---------------------------------------------------------------------------------------------------------|------------|---------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1 <sup>^</sup> , PVC-C according to EN 1566-1 |            |                                             |                 |
| Diameter 16 mm, wall thickness 1.6 – 3.4 mm, to diameter 40 mm, wall thickness 1.9-3.0 mm*              | Min. 50 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |

\* See below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## PVC Pipes - EI 120 - U/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

67/189

**BUILDING TRUST**

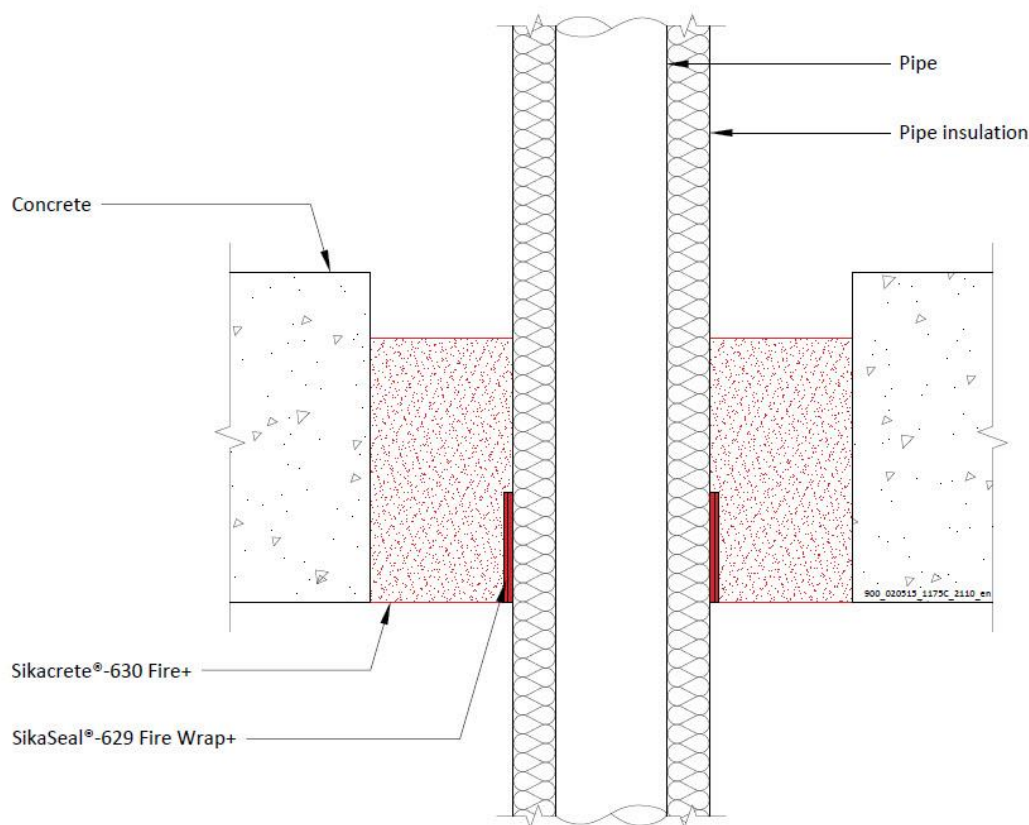


### A.3 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 120 mm

#### A.3.1 Pipe penetration seal with 120 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 120 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).

Construction details:



#### A.3.1.1 Single sided penetration seal with pipes

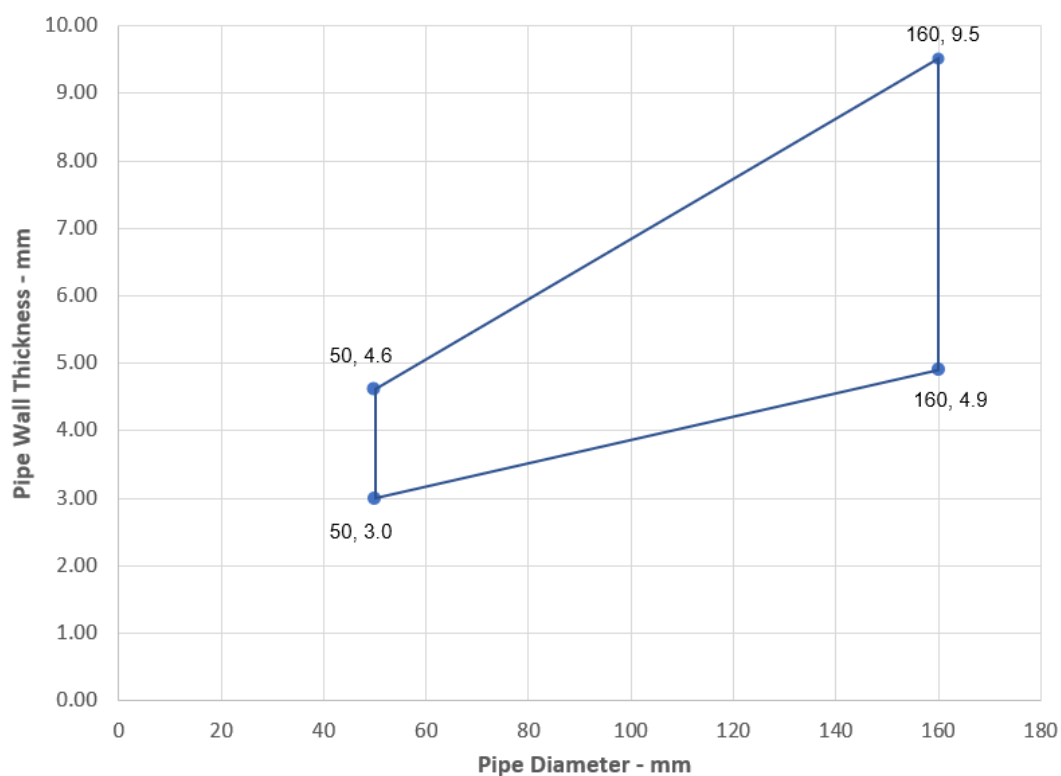
| Services                                                                                                                                  | Outer diameter including insulation | Pipe wrap                      | Pipe insulation                                                                             | Classification        |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|-----------------------|
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |                                     |                                |                                                                                             |                       |
| Maximum 160 mm diameter pipe*                                                                                                             | Maximum 68 mm diameter              | 50 x 3.6 mm (2 x 1.8 layers)   | 9-50 mm Elastomeric insulation minimum class B-s3,d0 or foil faced phenolic foam insulation | EI 240 C/C            |
|                                                                                                                                           | Maximum 178 mm diameter             | 75 x 10.8 mm (6 x 1.8 layers)  |                                                                                             | EI 120 C/C            |
|                                                                                                                                           | Maximum 260 mm diameter             | 75 x 18.0 mm (10 x 1.8 layers) |                                                                                             |                       |
| PP pipes according to EN 1852-1: 2009                                                                                                     |                                     |                                |                                                                                             |                       |
| Maximum 160 mm diameter pipe*                                                                                                             | Maximum 68 mm diameter              | 50 x 3.6 mm (2 x 1.8 layers)   | 9-50 mm Elastomeric insulation minimum class B-s3,d0 or foil faced phenolic foam insulation | E 240 C/C, EI 180 C/C |
|                                                                                                                                           | Maximum 178 mm diameter             | 75 x 10.8 mm (6 x 1.8 layers)  |                                                                                             | EI 240 C/C            |
|                                                                                                                                           | Maximum 260 mm diameter             | 75 x 18.0 mm (10 x 1.8 layers) |                                                                                             | EI 120 C/C            |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

\*See below graph for interpolation pipe sizes

### PE pipes 50-160 mm Diameter with Insulation CS



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

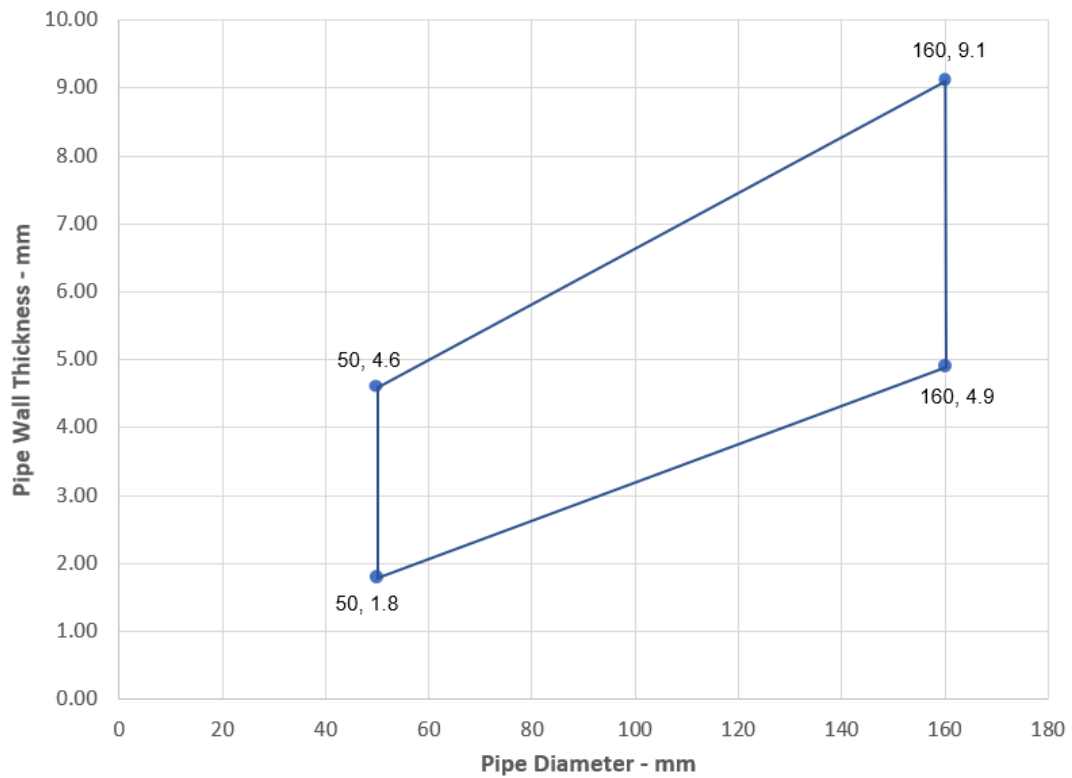
1549

69/189

**BUILDING TRUST**



## PP pipes 50-160 mm Diameter with Insulation CS



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

70/189

**BUILDING TRUST**

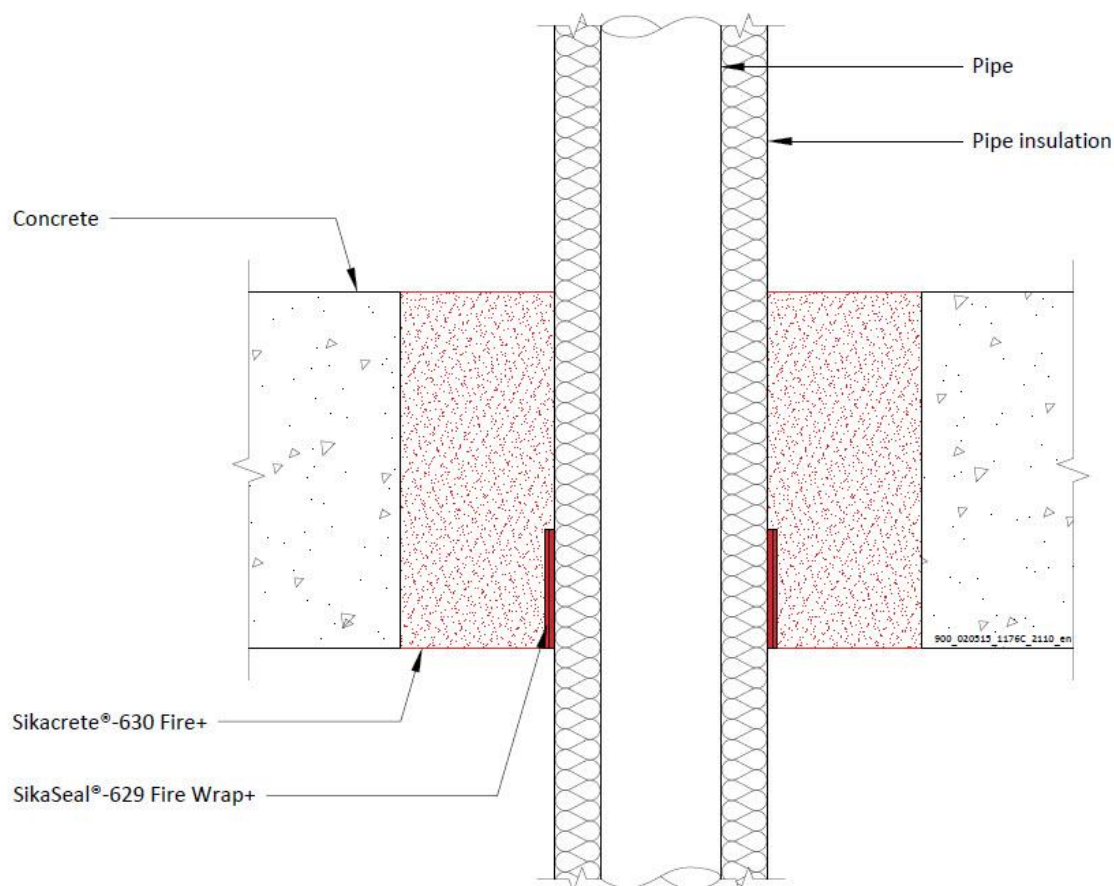


#### A.4 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 150 mm

##### A.4.1 Pipe penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 150 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



##### A.4.1.1 Single side penetration seal with pipes

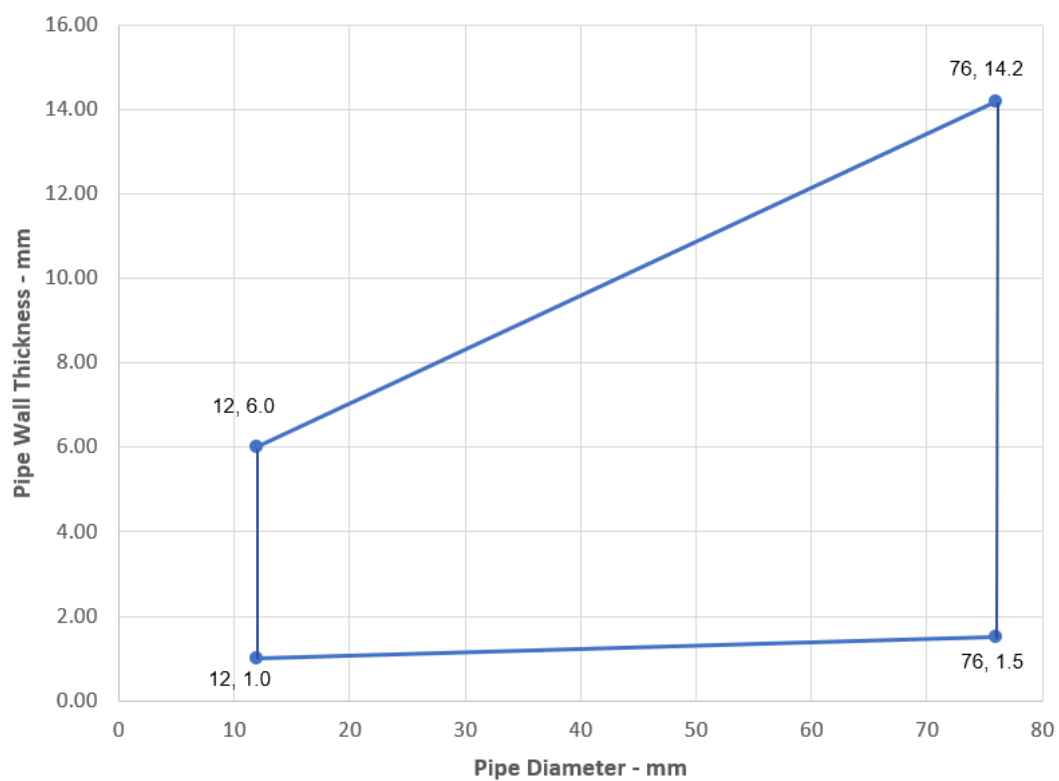
| Services                                  | Wrap                                                        | Insulation                 | Classification         |
|-------------------------------------------|-------------------------------------------------------------|----------------------------|------------------------|
| Mild or stainless steel pipes             |                                                             |                            |                        |
| 12 mm diameter/ 1.0 mm wall               | 1 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, fitted at soffit | 9 mm PE foam insulation    | EI 180 C/U             |
| Maximum 76 mm diameter/ 1.5-14.2 mm wall* | 2 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+ fitted at soffit  | 9-30 mm PE foam insulation | E 180 C/U<br>EI 60 C/U |

\* See below graph for intermediate sizes

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## Steel Pipes 12-76 with PE Pipe Ins / Wrap - C/U



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

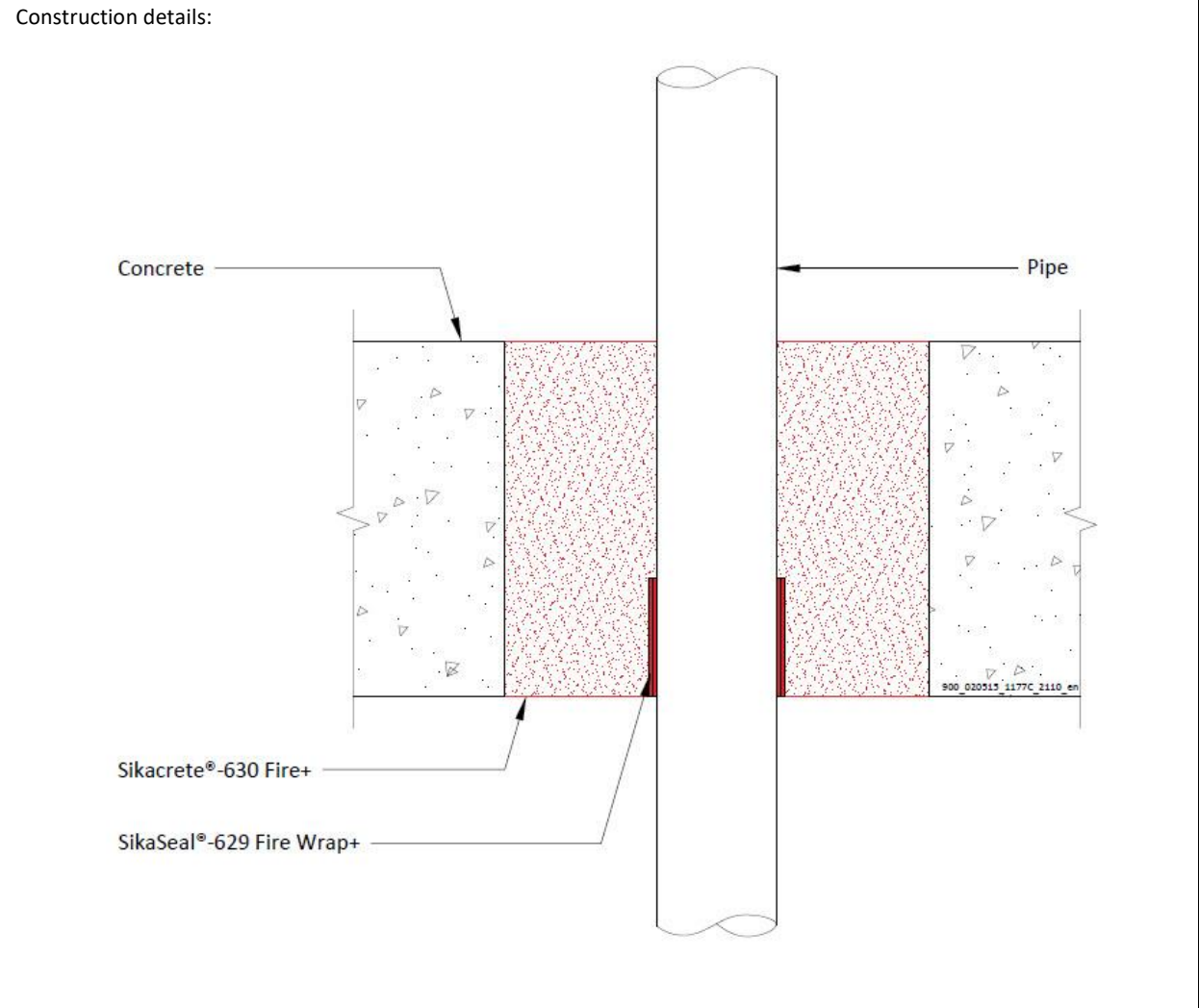
72/189

**BUILDING TRUST**



A.4.2 Pipe penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with 150 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).



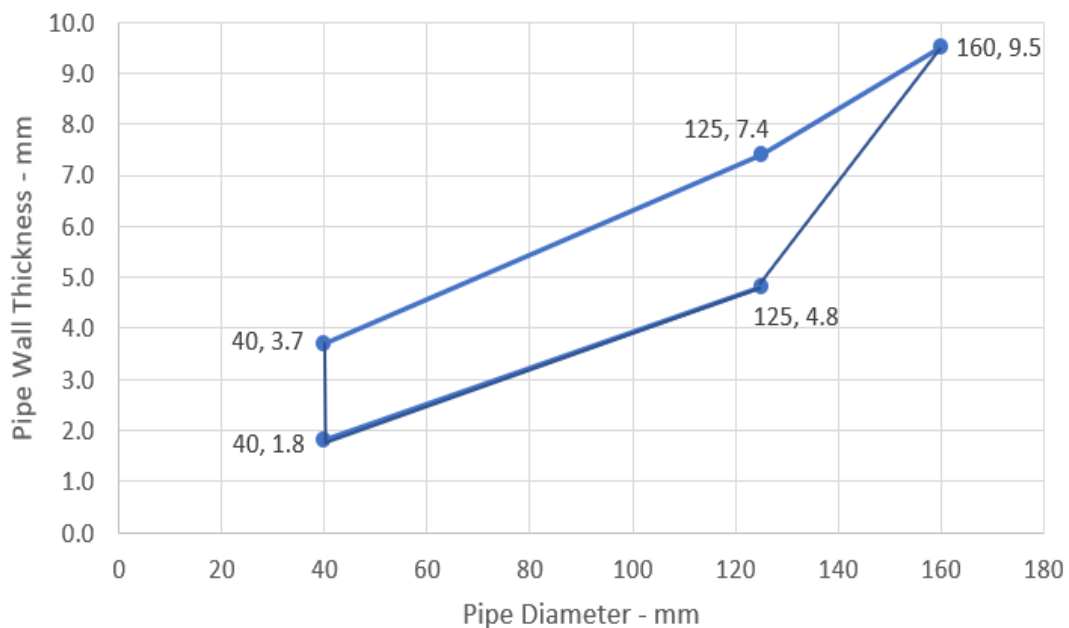
| Configuration 1                                                                                                                                                                | Configuration 2 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                                                                                                                                                                                |                 |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p> |                 |

#### A.4.2.1

| Services                                                                                                                                  | Wrap        | Permitted configuration for seal separation | Classification       |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                                                 |             |                                             |                      |
| Up to 40 mm diameter/1.8-3.7 mm wall*                                                                                                     | 50 x 1.8    | 1 & 2                                       | EI 120 U/U           |
| Up to 125 mm diameter / 4.8-7.4 mm wall*                                                                                                  | 50 x 7.2 mm |                                             | EI 60 U/U            |
| Up to 160 mm diameter/9.5 mm wall*                                                                                                        | 75 x 7.2 mm |                                             | E 120 U/U, EI 30 U/U |
| PP pipes according to EN 1451-1                                                                                                           |             |                                             |                      |
| Up to 40 mm diameter/1.8-5.5 mm wall*                                                                                                     | 50 x 1.8    | 1 & 2                                       | EI 120 U/U           |
| Up to 125 mm diameter / 11.4 mm wall*                                                                                                     | 50 x 7.2 mm |                                             | EI 240 U/U           |
| Up to 160 mm diameter/14.6 mm wall*                                                                                                       | 75 x 7.2 mm |                                             | EI 240 U/U           |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |             |                                             |                      |
| Up to 40 mm diameter/2.4-3.7 mm wall*                                                                                                     | 50 x 1.8 mm | 1 & 2                                       | EI 240 U/U           |
| Up to 110 mm diameter/3.4-10 mm wall*                                                                                                     | 75 x 5.4 mm |                                             | EI 240 U/U           |
| Up to 125 mm diameter/11.4 mm wall*                                                                                                       | 50 x 7.2 mm |                                             | EI 240 U/U           |
| Up to 160 mm diameter/4.9-14.6 mm wall*                                                                                                   | 75 x 7.2 mm |                                             | EI 120 U/U           |

\* Typical pipe diameters shown, see below graph for intermediate sizes

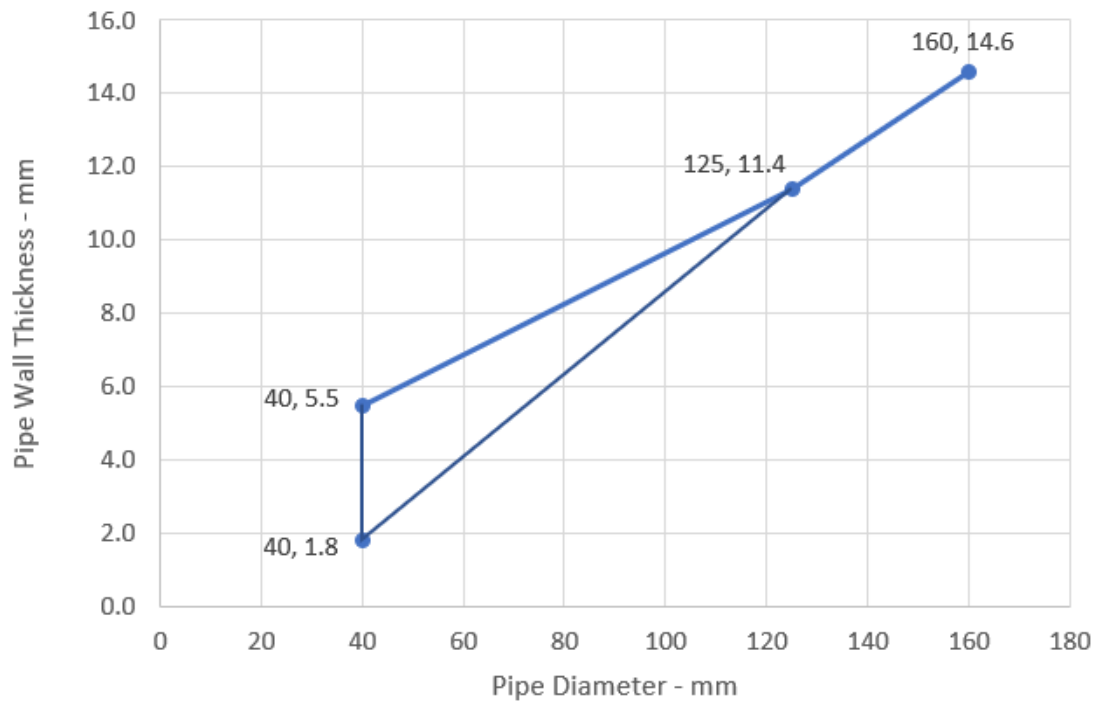
PVC-U Pipes - E 60 U/U, EI 30 U/U



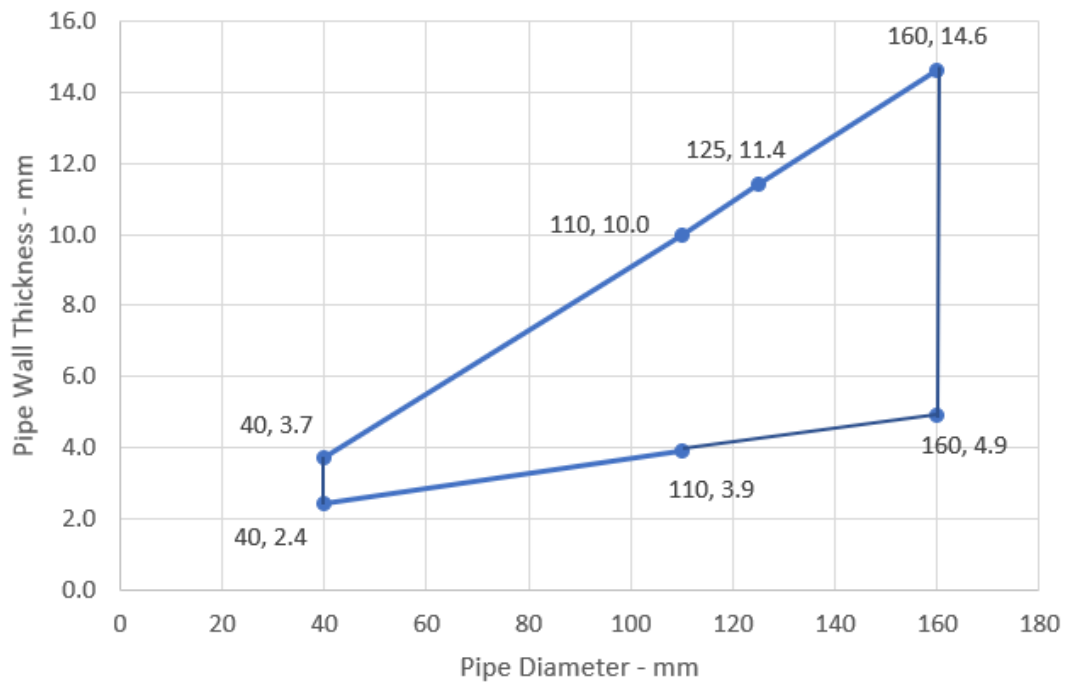
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PP Pipes - E 120 U/U



### PE Pipes - EI 120 U/U



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

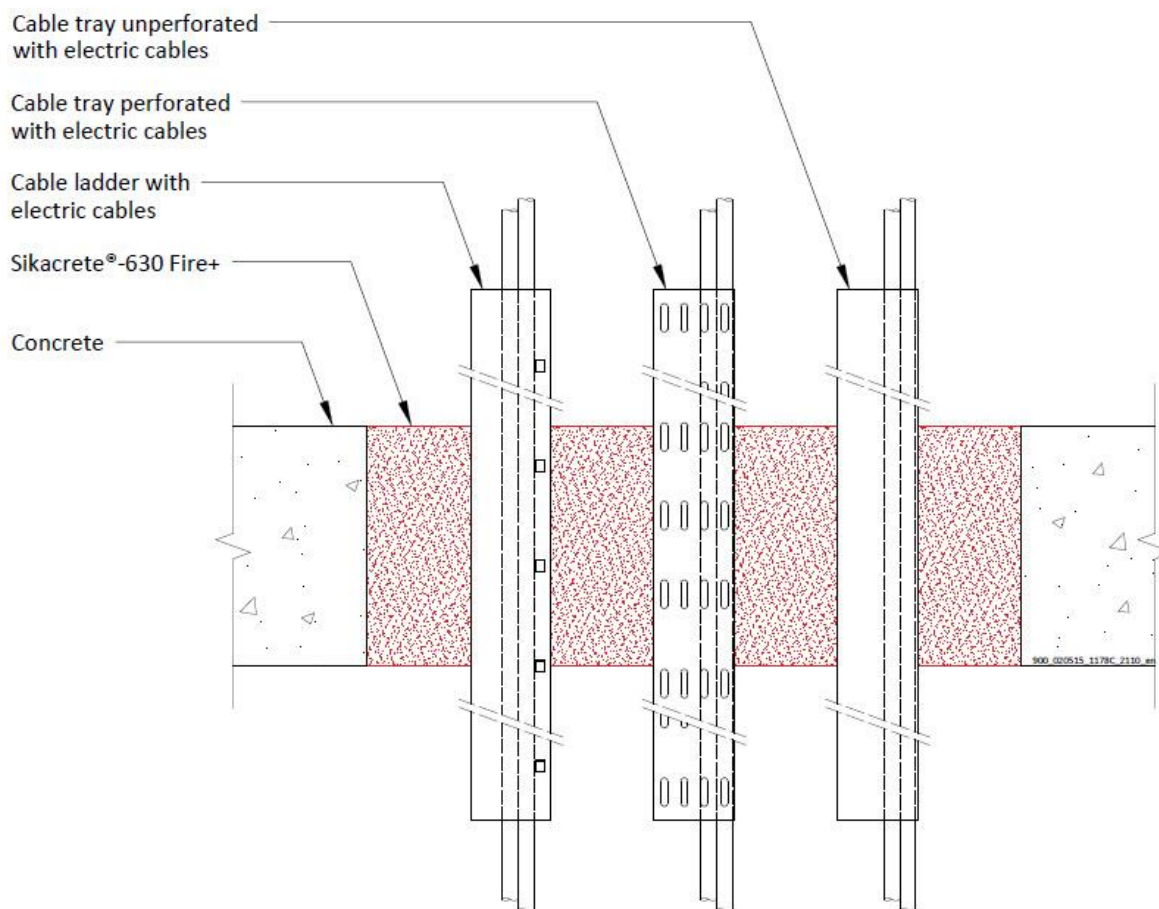
2025.01, ver. 1

1549

### A.4.3 Cable penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted with Sikacrete-630 Fire+ to either side of floor. Maximum seal size as section 2. 4) and minimum separation between cables and the edge of the seal of 30 mm.

Construction details:



#### A.4.3.1 Single side penetration seal with cables

| Services                                                     | Mortar depth   | Backing | Insulation | Classification |
|--------------------------------------------------------------|----------------|---------|------------|----------------|
| Blank seals                                                  | Min.<br>150 mm | None    | None       | EI 240         |
| Electric cables up to 21 mm diameter, single or in a bundle. |                |         |            | E 240 EI 120   |
| Steel cable trays and ladders up to 500 mm wide              |                |         |            | E 240 EI 90    |
| Electric cables 22-50 mm diameter, single or in a bundle.    |                |         |            | E 90 EI 60     |
| Electric cables 51-80 mm diameter, single or in a bundle.    |                |         |            | EI 120         |
| Unsheathed wire up to 24 mm diameter                         |                |         |            |                |

#### Declaration of Performance

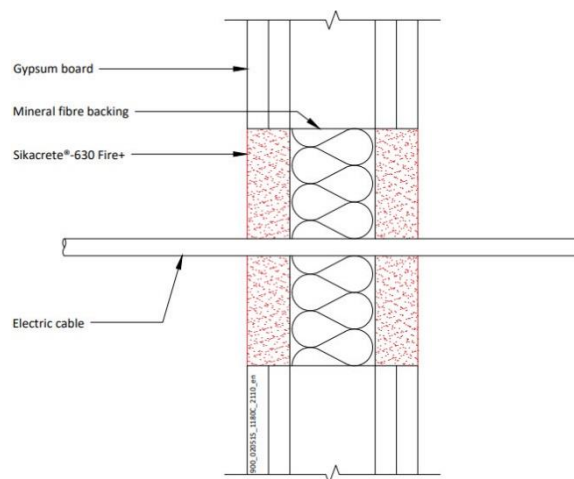
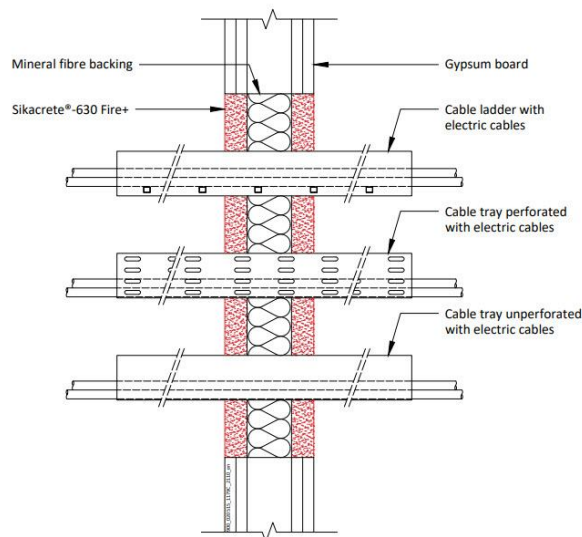
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.5 Flexible and rigid wall constructions according to 1.2.1 with wall thickness of min. 100 mm

### A.5.1 Cable penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>.

Construction details:



#### A.5.1.1 Double side penetration seal with cables

| Services                                                                        | Maximum aperture | Classification         |
|---------------------------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                                    | As section 2. 4) | EI 120                 |
| Single electrical cables up to 21 mm Ø (min.100 separation from other services) |                  | E 120, EI 90           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays)                  |                  | E 120, EI 60           |
| Steel cable trays & ladders                                                     |                  | E 120 C/U, EI 60 C/U   |
| Steel conduits up to 16 mm Ø                                                    |                  | E 120 C/U, EI 45 C/U   |
| copper conduits up to 16 mm Ø                                                   |                  | E 120, EI 45           |
| Unsheathed wires up to 24 mm Ø                                                  |                  | EI 120 C/U, EI 120 C/C |
| PVC conduits up to 16 mm Ø                                                      |                  |                        |

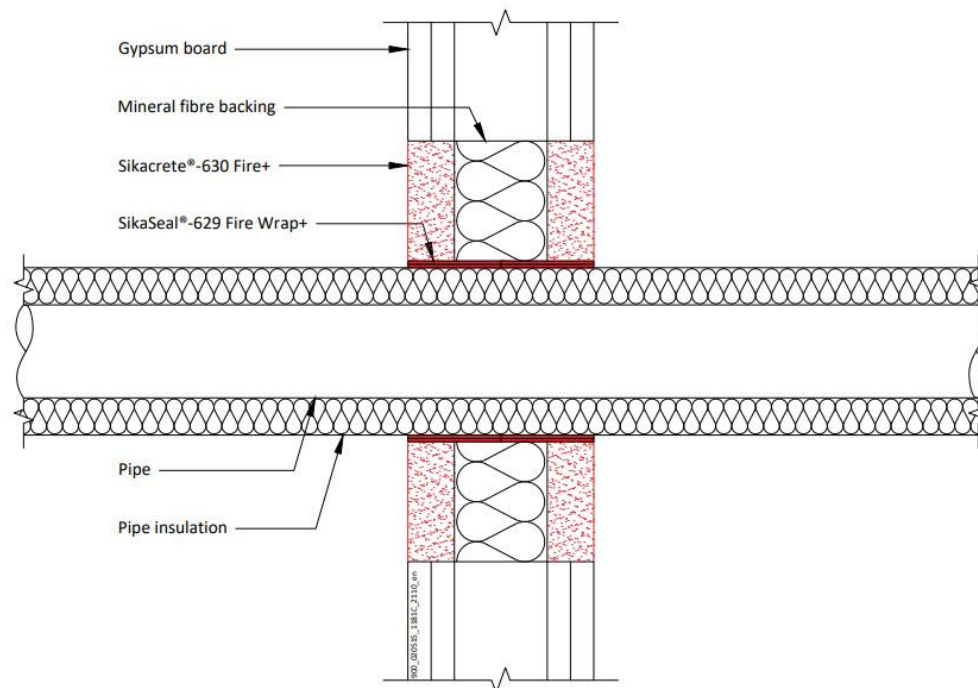
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.5.2 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup> or min. 50 mm Sikacrete-630 Fire+ to both sides of the wall without backing\*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal.

Construction details:



\* Maximum seal size as section 2. 4)

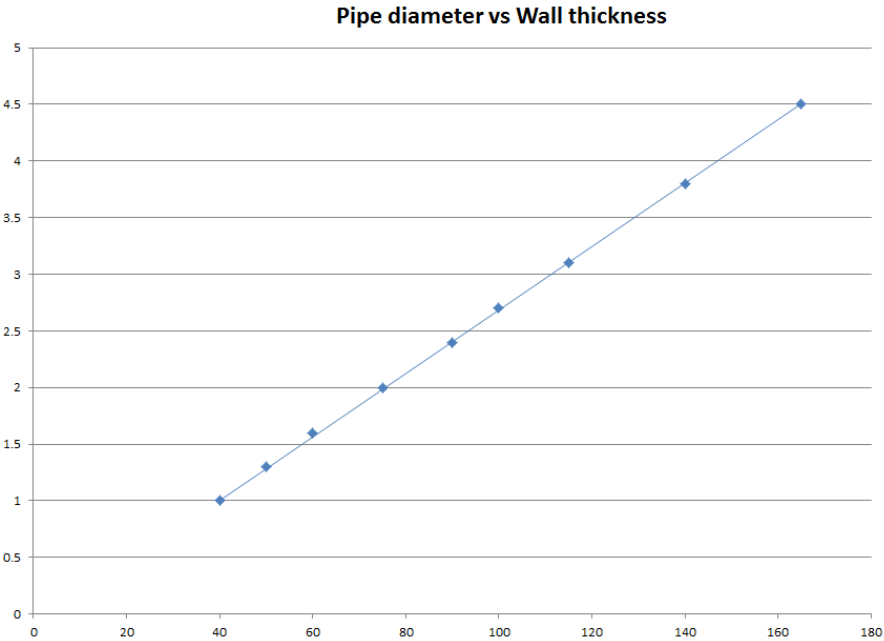
### A.5.2.1 Double side penetration seal with pipes

| Services                           | Wrap                                                                             | Insulation                                                               | Classification       |
|------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|
| Mild or stainless steel pipes      |                                                                                  |                                                                          |                      |
| 40 mm diameter/1-14.2 mm wall      | 2 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal |                                                                          | EI 120 C/U           |
| 40 mm diameter/1-14.2 mm wall*     |                                                                                  |                                                                          |                      |
| 50 mm diameter/1.3-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 60 mm diameter/1.6-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 75 mm diameter/2-14.2 mm wall*     |                                                                                  |                                                                          |                      |
| 90 mm diameter/2.4-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 100 mm diameter/2.7-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 115 mm diameter/3.1-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 140 mm diameter/3.8-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 165 mm diameter/ 4.5-14.2 mm wall* |                                                                                  |                                                                          |                      |
|                                    | 2 off 50 x 3.6 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal | 13 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | E 120 C/U, EI 60 C/U |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

\* Typical pipe diameters shown, see below graph for intermediate sizes

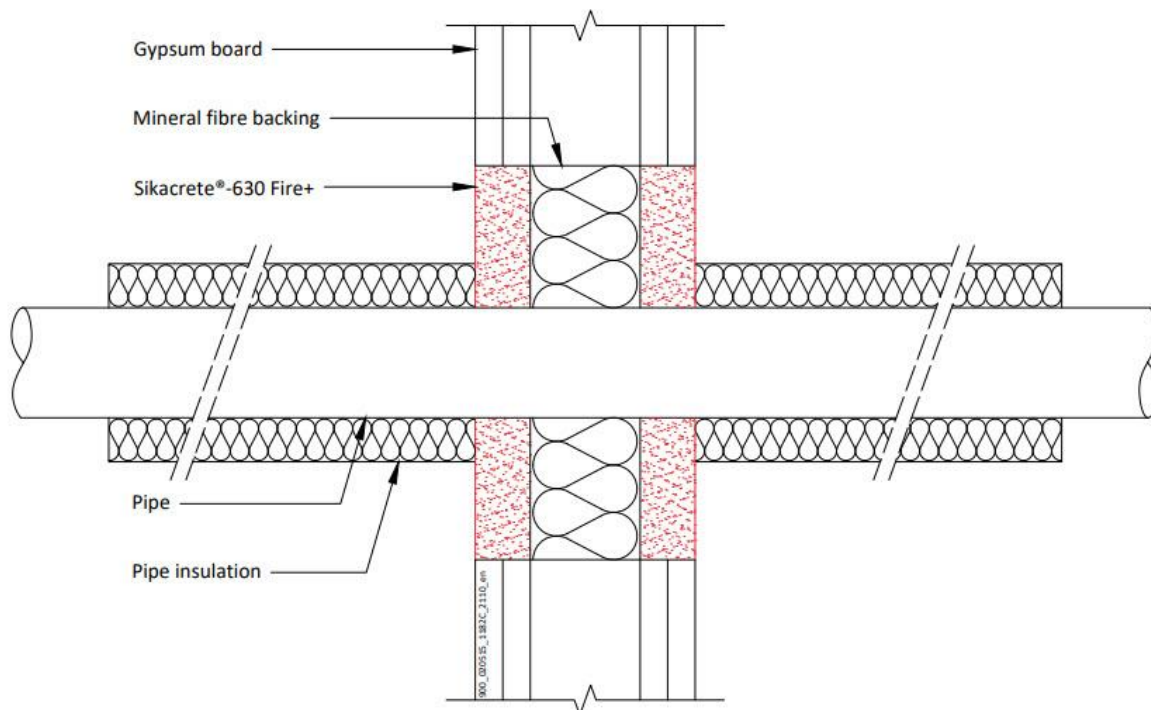


**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

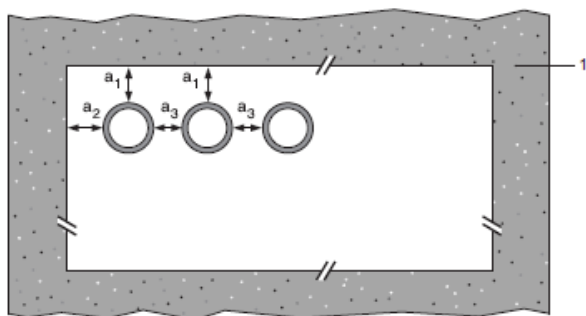
### A.5.3 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** 500 mm (min.)\* LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic (and composite) pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>. Maximum seal size as section 2. 4).

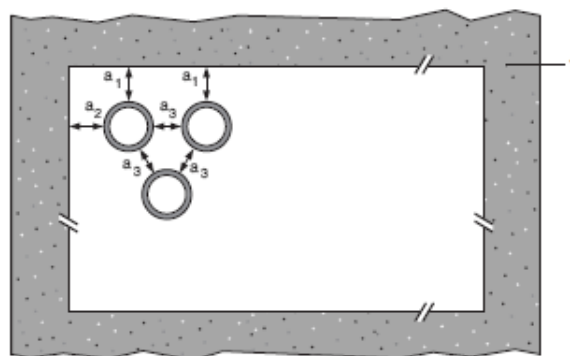
Construction details:



Configuration 1



Configuration 2



#### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

\* Minimum 600 mm long insulation required for Alupex pipe.

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.5.3.1 Double side penetration seal with pipes

| Services                                                  | Insulation                                         | Classification                                |
|-----------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|
| Copper or steel pipes up to 54 mm diameter/1-14.2 mm wall | Min. 20 mm stone wool<br>min. 80 kg/m <sup>3</sup> | EI 120 C/C                                    |
| Alupex composite pipe 75 mm diameter/7.5 mm wall          | 600 mm length of 25 mm<br>Mineral Fibre BIO        | EI 60 U/U, EI 60 U/C,<br>EI 60 C/U. EI 60 C/C |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

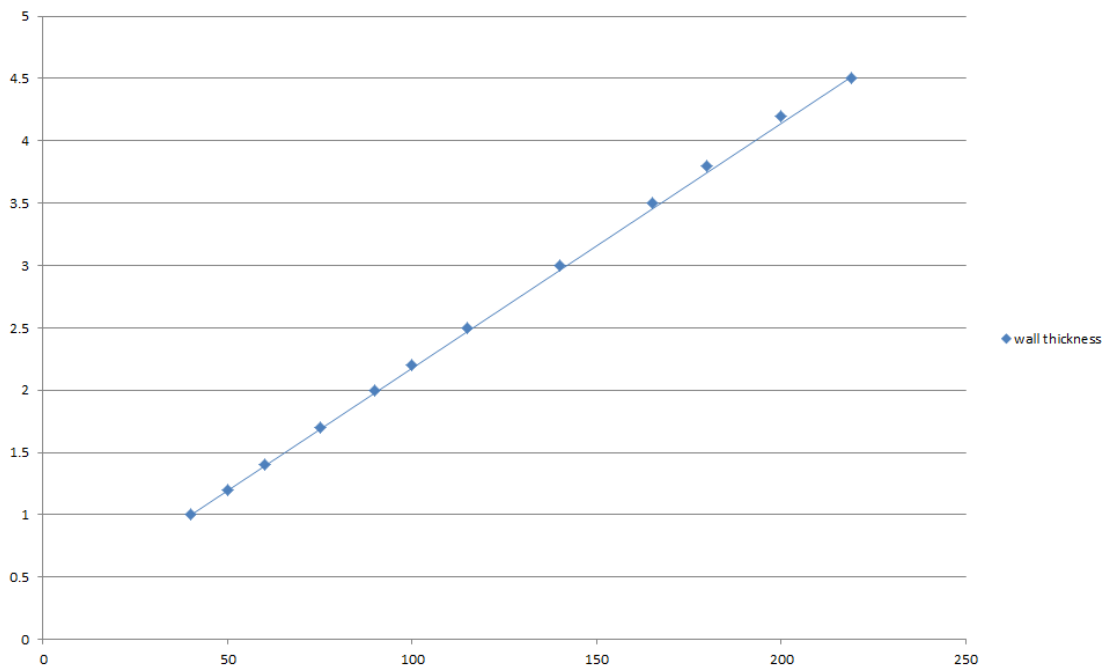
2025.01, ver. 1

1549

| Services                          | Insulation, minimum thickness and density | Classification       |
|-----------------------------------|-------------------------------------------|----------------------|
| Mild or stainless steel pipe      |                                           |                      |
| 40 mm diameter/1-14.2 mm wall     | 20 mm stone wool 80 kg/m <sup>3</sup>     | EI 120 C/U           |
| 40 mm diameter/1-14.2 mm wall*    | 30 mm stone wool 80 kg/m <sup>3</sup>     | E 120 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                                           |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                                           |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                                           |                      |
| 90 mm diameter/2-14.2 mm wall*    |                                           |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                                           |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                                           |                      |
| 140 mm diameter/3-14.2 mm wall*   |                                           |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                                           |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                                           |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                                           |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                                           |                      |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

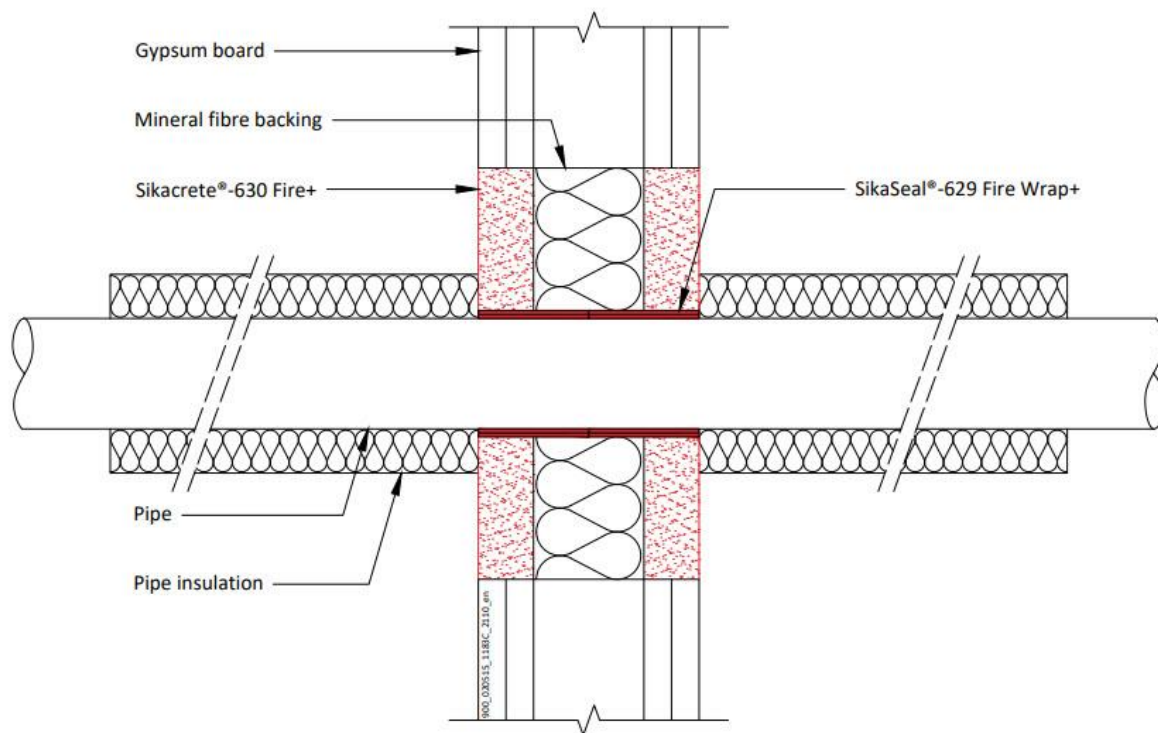
2025.01, ver. 1

1549

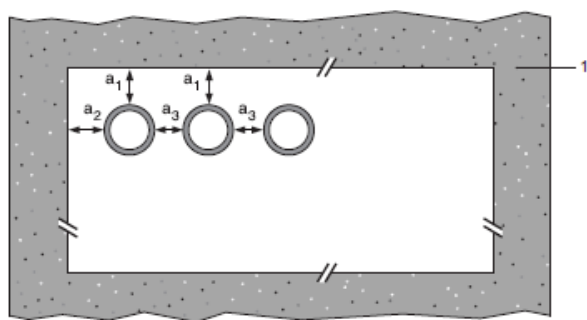
#### A.5.4 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** 500 mm (min.)\* LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic (and composite) pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>. Maximum seal size as section 2. 4)

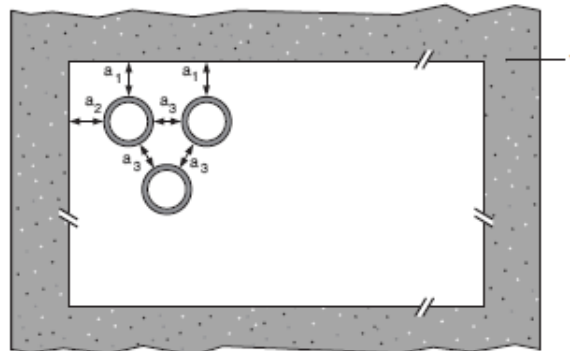
Construction details:



Configuration 1



Configuration 2



#### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

#### Declaration of Performance

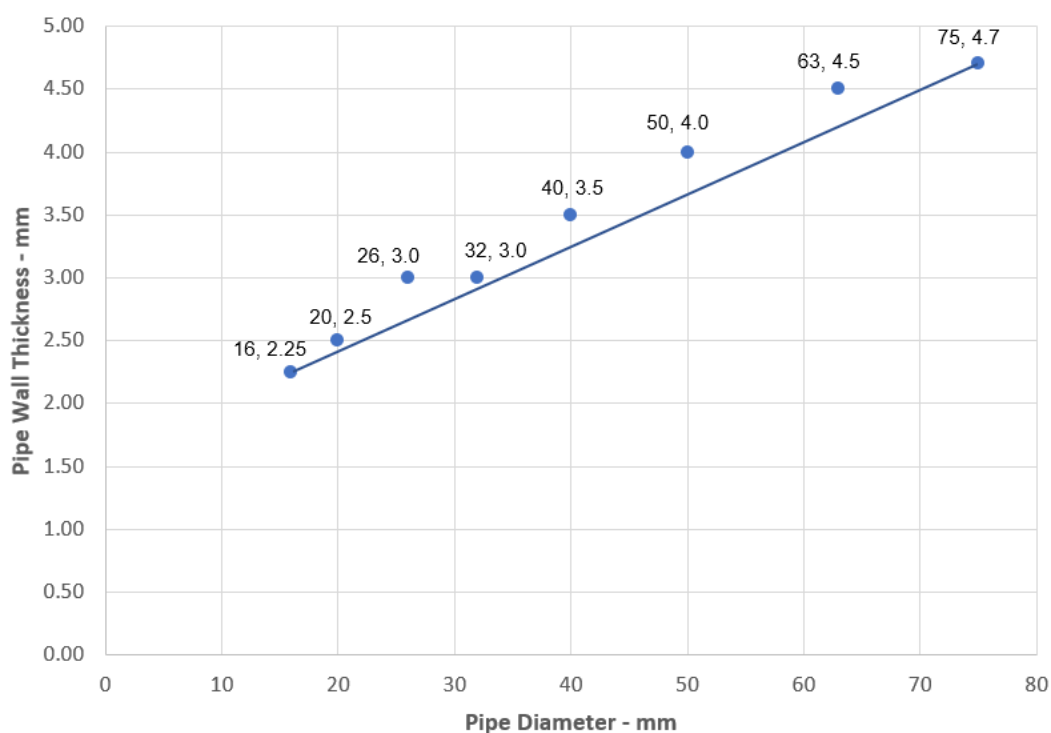
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.5.4.1 Double side penetration seal with pipes

| Services                    | Insulation                                             | Classification |
|-----------------------------|--------------------------------------------------------|----------------|
| Alupex pipes                |                                                        |                |
| 16 mm diameter/2.25 mm wall | Minimum 20 mm stone wool, minimum 80 kg/m <sup>3</sup> | EI 120 C/C     |
| 20 mm diameter/2.5 mm wall  |                                                        |                |
| 26 mm diameter/3 mm wall    |                                                        |                |
| 32 mm diameter/3 mm wall    |                                                        |                |
| 40 mm diameter/3.5 mm wall  |                                                        |                |
| 50 mm diameter/4 mm wall    |                                                        |                |
| 63 mm diameter/4.5 mm wall  |                                                        |                |
| 75 mm diameter/4.7 mm wall  |                                                        |                |

\* Typical pipe diameters shown, see below graph for intermediate sizes

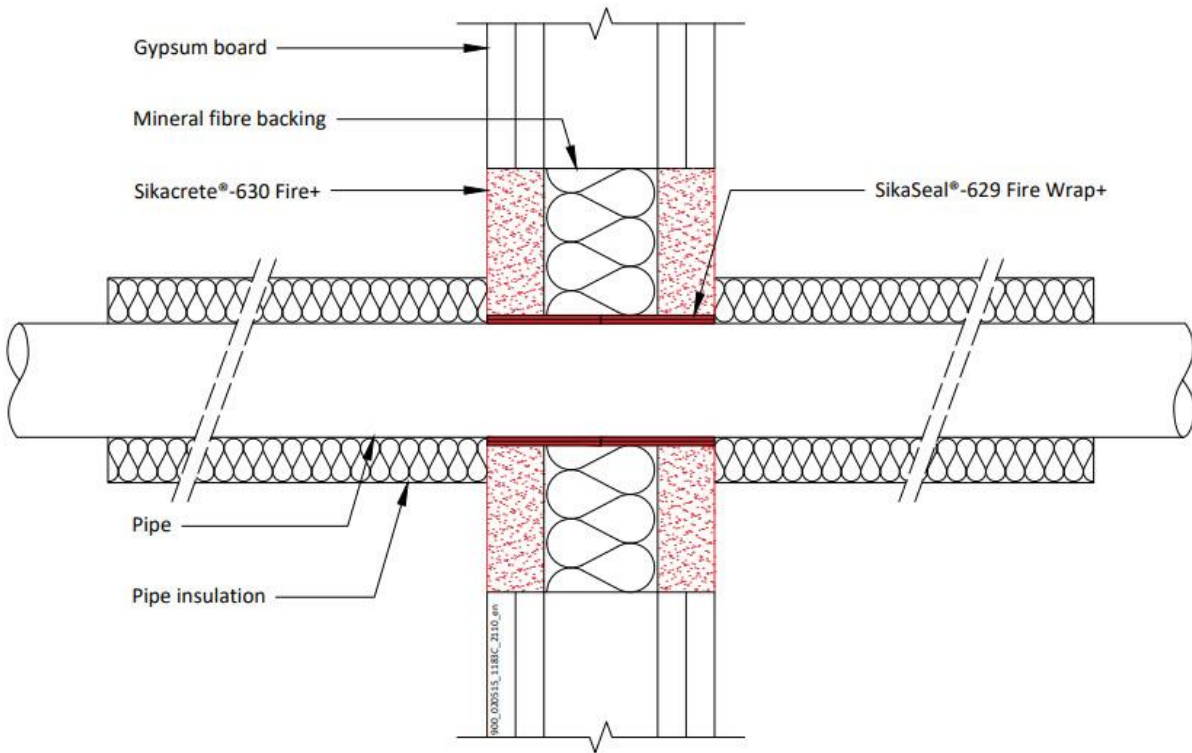
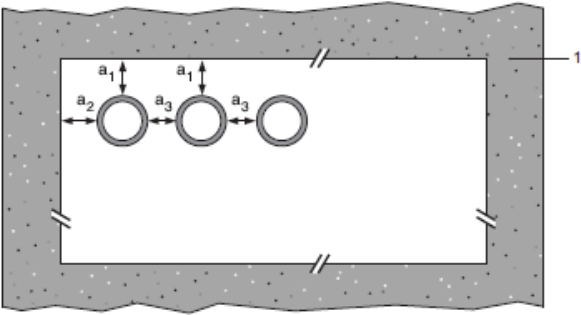
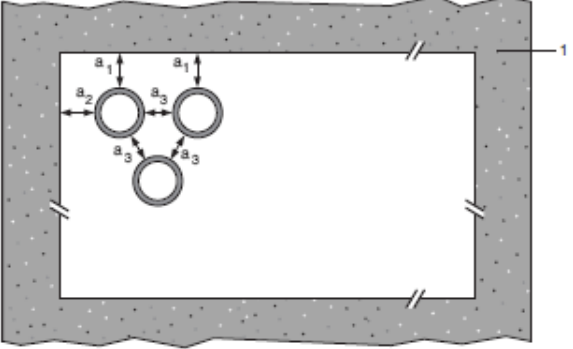
**Pipe diameter vs Wall thickness - Alupex Pipes  
with Insulation LI**



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**A.5.5 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board**

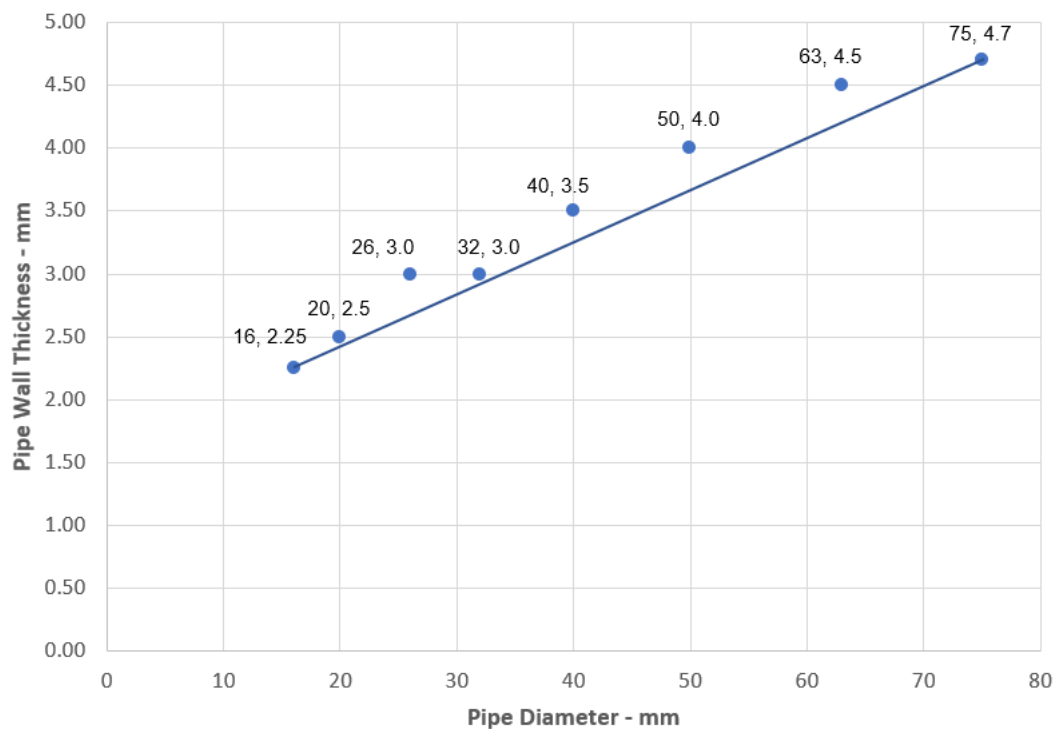
|                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> CS (Continuous Sustained) insulated metallic and composite pipes fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 25 mm stone wool min. 150 kg/m3*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal. Maximum seal size as section 2. 4).</p> |                                                                                                             |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| <p>Configuration 1</p>                                                                                                                                                                                                                                                                                                               | <p>Configuration 2</p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                                                          |                                                                                                             |

**Declaration of Performance**  
 Sikacrete-630 Fire+  
 20537727  
 2025.01, ver. 1  
 1549

#### A.5.5.1 Double side penetration seal with pipes

| Services                        | Wrap                                                                 | Insulation                                                                 | Classification |
|---------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------|----------------|
| Copper and steel pipes          |                                                                      |                                                                            |                |
| 12-54 mm diameter/1-1.2 mm wall | 50 x 3.6 mm SikaSeal-629 Fire Wrap+ fitted to both sides of the seal | 9-25 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | EI 120 C/C     |
| Alupex pipes                    |                                                                      |                                                                            |                |
| 16 mm diameter/2.25 mm wall     | 50 x 3.6 mm SikaSeal-629 Fire Wrap+ fitted to both sides of the seal | 9-25 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | EI 120 C/C     |
| 20 mm diameter/2.5 mm wall      |                                                                      |                                                                            |                |
| 26 mm diameter/3 mm wall        |                                                                      |                                                                            |                |
| 32 mm diameter/3 mm wall        |                                                                      |                                                                            |                |
| 40 mm diameter/3.5 mm wall      |                                                                      |                                                                            |                |
| 50 mm diameter/4 mm wall        |                                                                      |                                                                            |                |
| 63 mm diameter/4.5 mm wall      |                                                                      |                                                                            |                |
| 75 mm diameter/4.7 mm wall      |                                                                      |                                                                            |                |

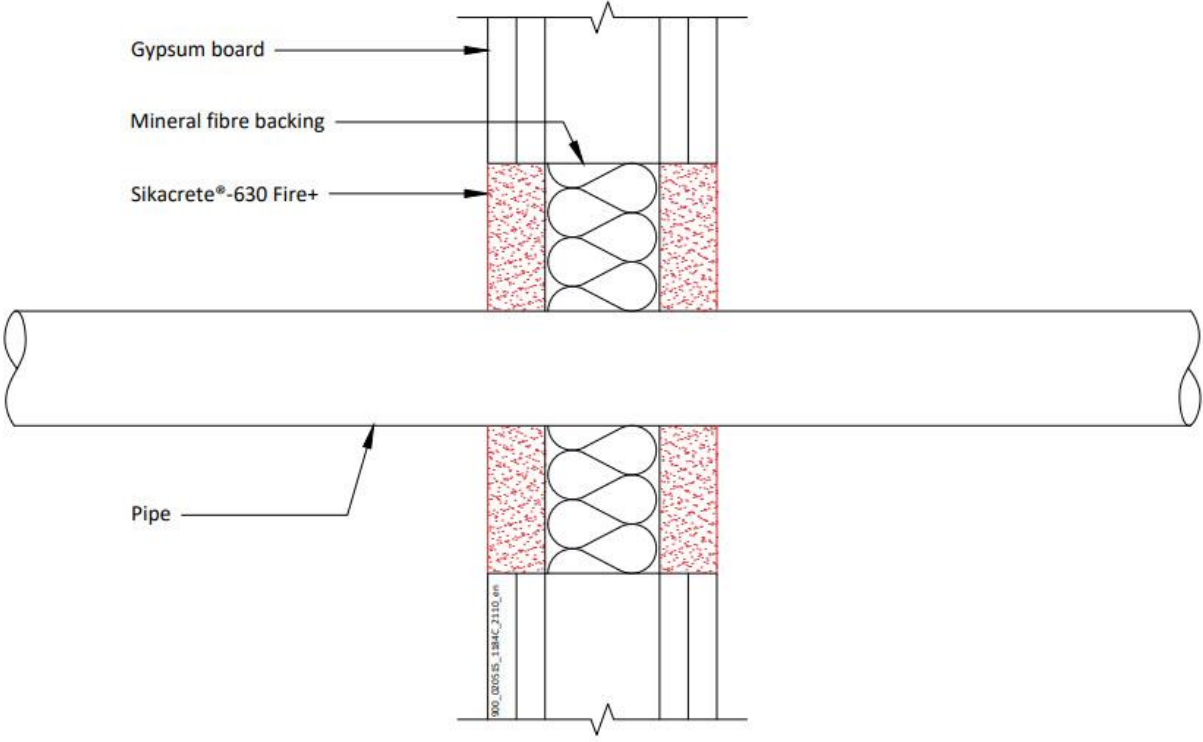
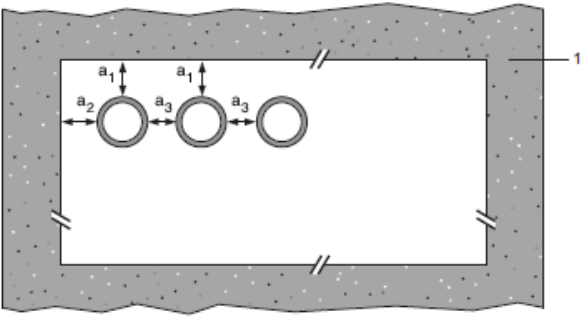
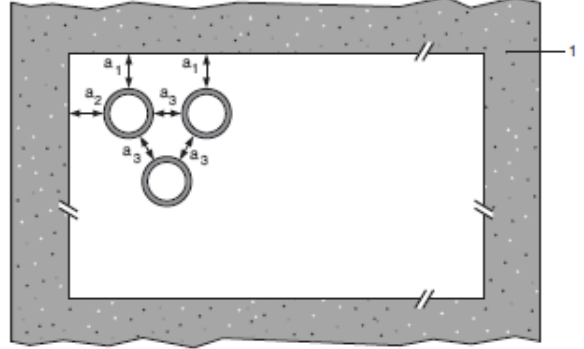
**Pipe diameter vs Wall thickness - Alupex Pipes with Insulation CS**



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**A.5.6 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board**

|                                                                                                                                                                                                                                                                                                                         |                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> Combustible pipes sealed with Sikacrete-630 Fire+, to both sides of the wall, backed with stone wool board min. 140 kg/m³. Minimum separation between pipes of 30 mm (a<sub>3</sub>) and from seal edges 30 mm (a<sub>1</sub> &amp; a<sub>2</sub>). Maximum seal size as section 2. 4).</p> |                                                                                                                    |
| <p>Construction details:</p>                                                                                                                                                                                                         |                                                                                                                    |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                        | <p><b>Configuration 2</b></p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                          |                                                                                                                    |

#### A.5.6.1 Double side penetration seal with pipes

| Services                                                                                                                                  | Seal Depth | Permitted configuration for seal separation | Classification  |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1, PVC-C according to EN 1566-1                                                 |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.6 – 2.4 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.8 – 3.0 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |
| PP pipes according to EN 1852-1: 2009                                                                                                     |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.9 – 4.4 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |

#### Declaration of Performance

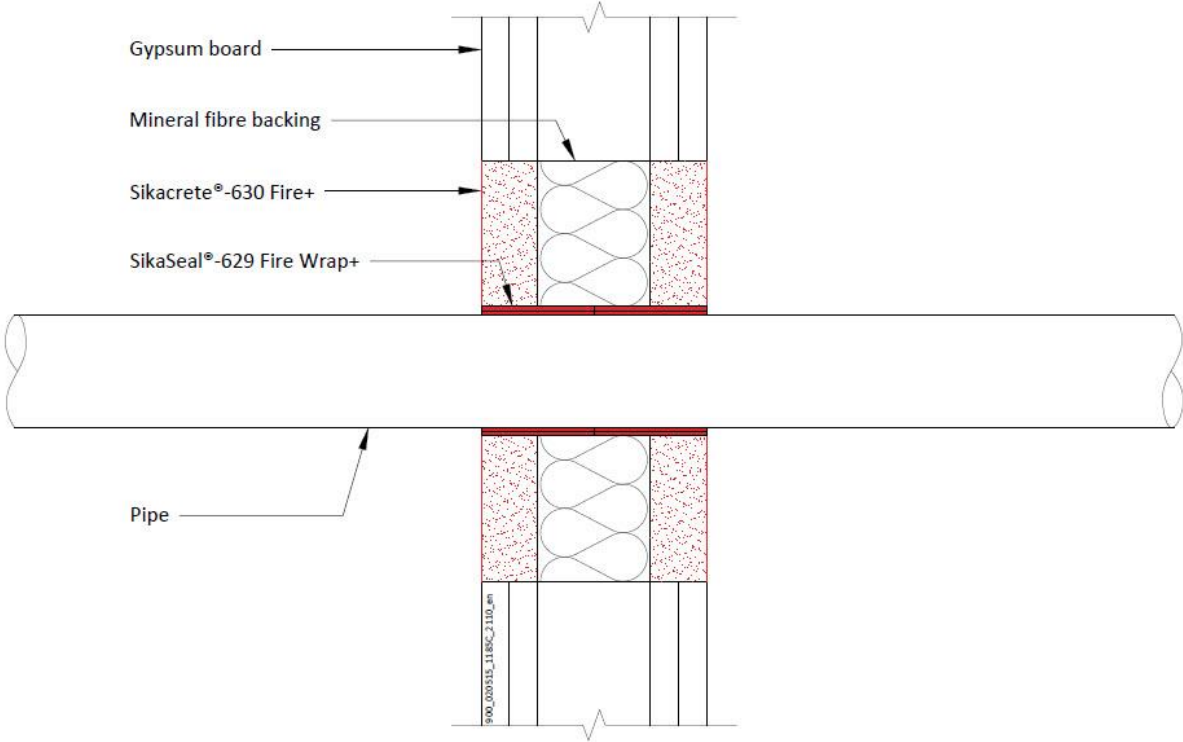
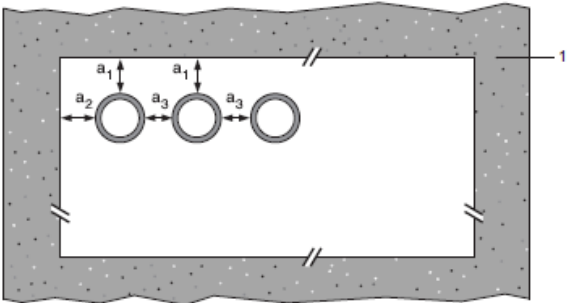
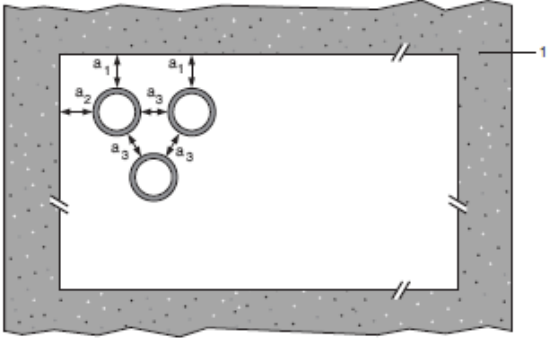
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

**A.5.7 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board**

|                                                                                                                                                                                                                                     |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Penetration Seal:</b> Combustible pipes sealed with SikaSeal-629 Fire Wrap+, installed into Sikacrete-630 Fire+ seals. Minimum separation between penetration seals and seal edges of 30 mm. Minimum seal size as section 2. 4). |                                                                                                             |
| Construction details:                                                                                                                            |                                                                                                             |
| <b>Configuration 1</b>                                                                                                                           | <b>Configuration 2</b>  |
| <b>Key</b><br>1 Supporting construction<br>a1 Pipe / top edge of seal separation<br>a2 Pipe / side edge of seal separation<br>a3 Pipe / pipe separation                                                                             |                                                                                                             |

\* Partition wall must incorporate a full fill core insulation of Stonewool (35kg/m3 density)

### A.5.7.1 Double side penetration seal with pipes

| Services                                                                                                                                  | Wraps<br>(both sides)          | Permitted configuration<br>for seal separation                                  | Classification                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1 and PVC-C according to EN 1566-1                                              |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 3.0 – 4.3 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | E 120 U/C, E 120 C/U,<br>EI 60 U/C, EI 60 C/C |
| Diameter up to 110 mm, wall thickness 2.7 - 6.6 mm                                                                                        | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 125 mm, wall thickness 3.7 – 7.4 mm                                                                                        | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 160 mm, wall thickness 3.2 - 9.5 mm                                                                                        | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | EI 60 U/C, EI 60 C/C                          |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 3.2 – 3.7 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 110 mm, wall thickness 4.2 - 10 mm                                                                                         | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | EI 60 U/C, EI 60 C/C                          |
| Diameter up to 125 mm, wall thickness 12 mm                                                                                               | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 160 mm, wall thickness 4.9 – 12.0 mm                                                                                       | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C                          |
| Diameter up to 160 mm, wall thickness 12.0 mm                                                                                             |                                |                                                                                 | EI 90 U/C, EI 90 C/C                          |
| PP pipes according to EN 1852-1: 2009                                                                                                     |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 4.0 – 5.5 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 110 mm, wall thickness 6.6 mm                                                                                              | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 125 mm, wall thickness 17.1 mm                                                                                             | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 160 mm, wall thickness 4.0 - 21.9 mm                                                                                       | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C                          |
| Diameter up to 160 mm, wall thickness 21.9 mm                                                                                             |                                |                                                                                 | EI 60 U/C, EI 60 C/C                          |

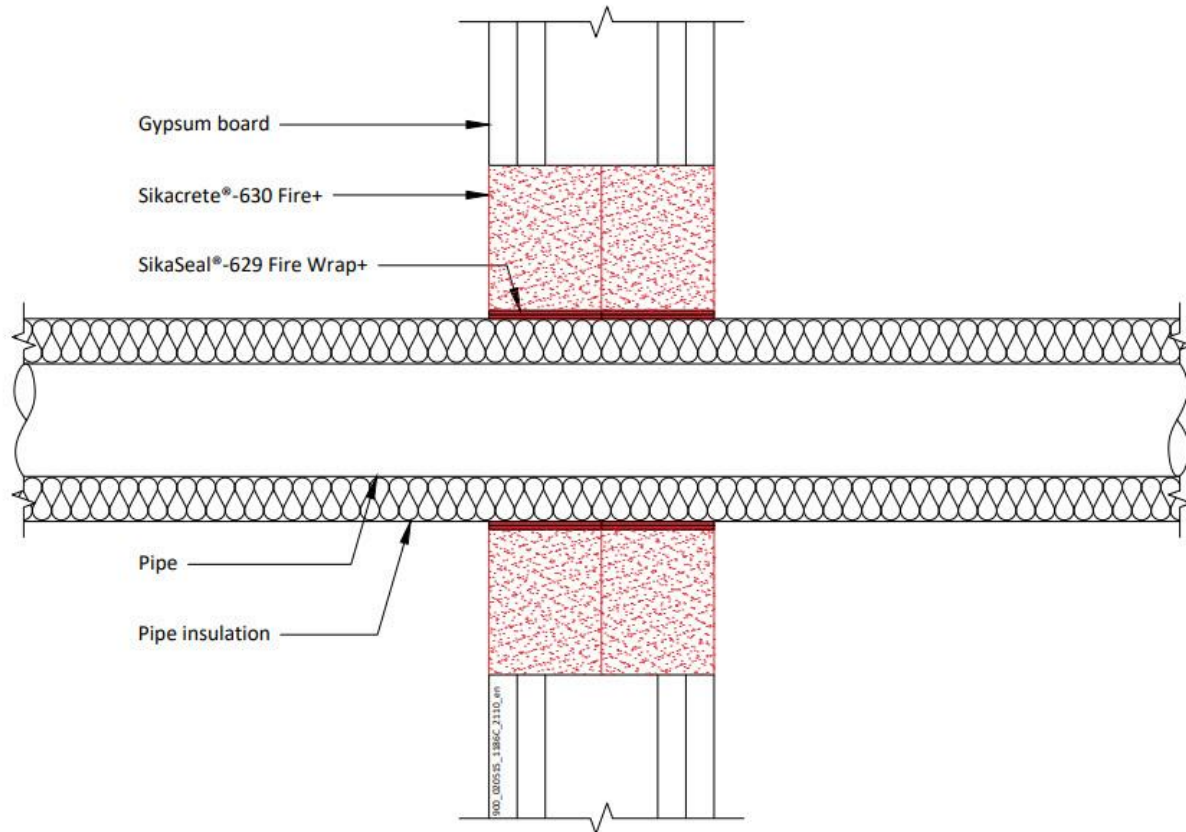
### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

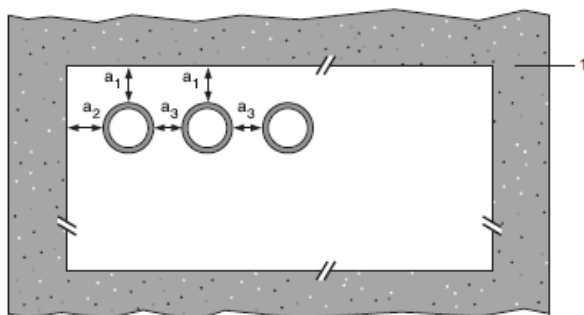
### A.5.8 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ to both faces

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), min. 50 mm Sikacrete-630 Fire+ to both sides of the wall without backing\*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal.

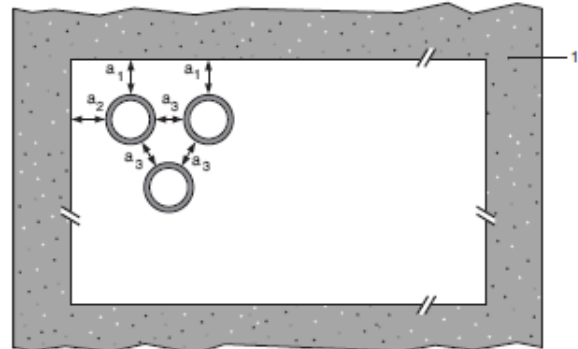
Construction details:



Configuration 1



Configuration 2



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

\* Maximum seal size as section 2. 4)

**Declaration of Performance**

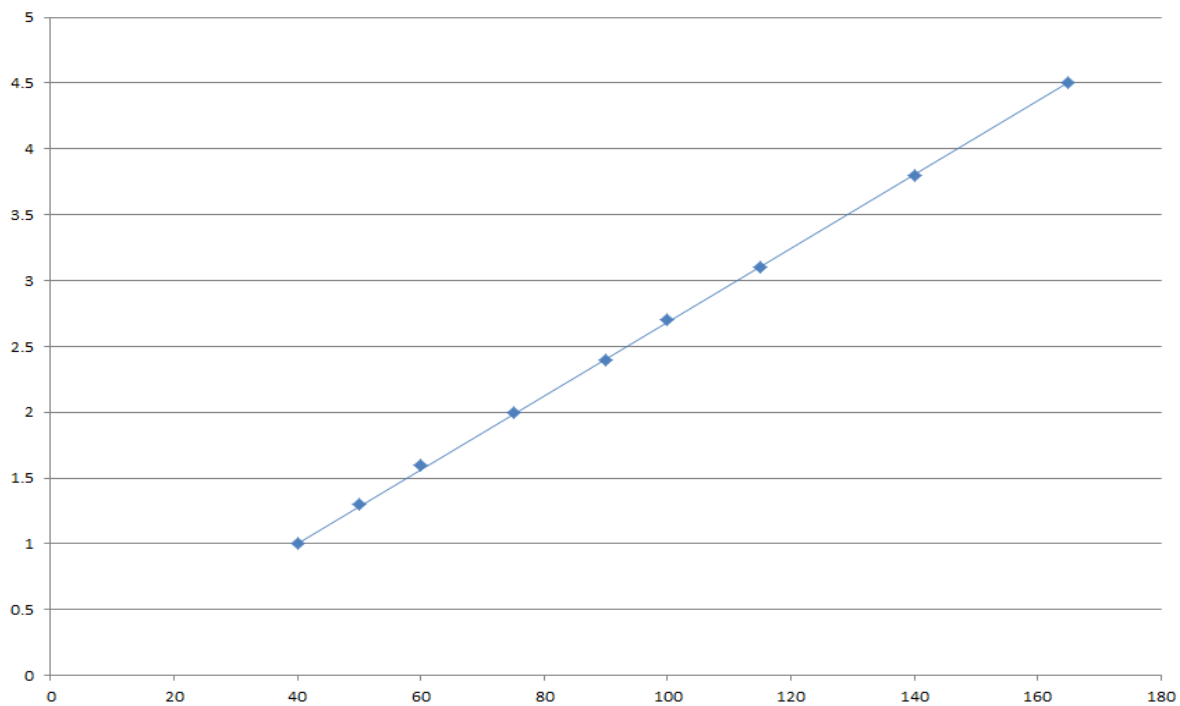
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.5.8.1 Double side penetration seal with pipes

| Services                           | Wrap                                                                             | Insulation                                                                   | Classification              |
|------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------|
| Mild or stainless steel pipe       |                                                                                  |                                                                              |                             |
| 40 mm diameter/1-14.2 mm wall*     | 2 off 50 x 3.6 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal | 13 -32 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | <b>E 120 C/U, EI 60 C/U</b> |
| 50 mm diameter/1.3-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 60 mm diameter/1.6-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 75 mm diameter/2-14.2 mm wall*     |                                                                                  |                                                                              |                             |
| 90 mm diameter/2.4-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 100 mm diameter/2.7-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 115 mm diameter/3.1-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 140 mm diameter/3.8-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 165 mm diameter/ 4.5-14.2 mm wall* |                                                                                  |                                                                              |                             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



### Declaration of Performance

Sikacrete-630 Fire+

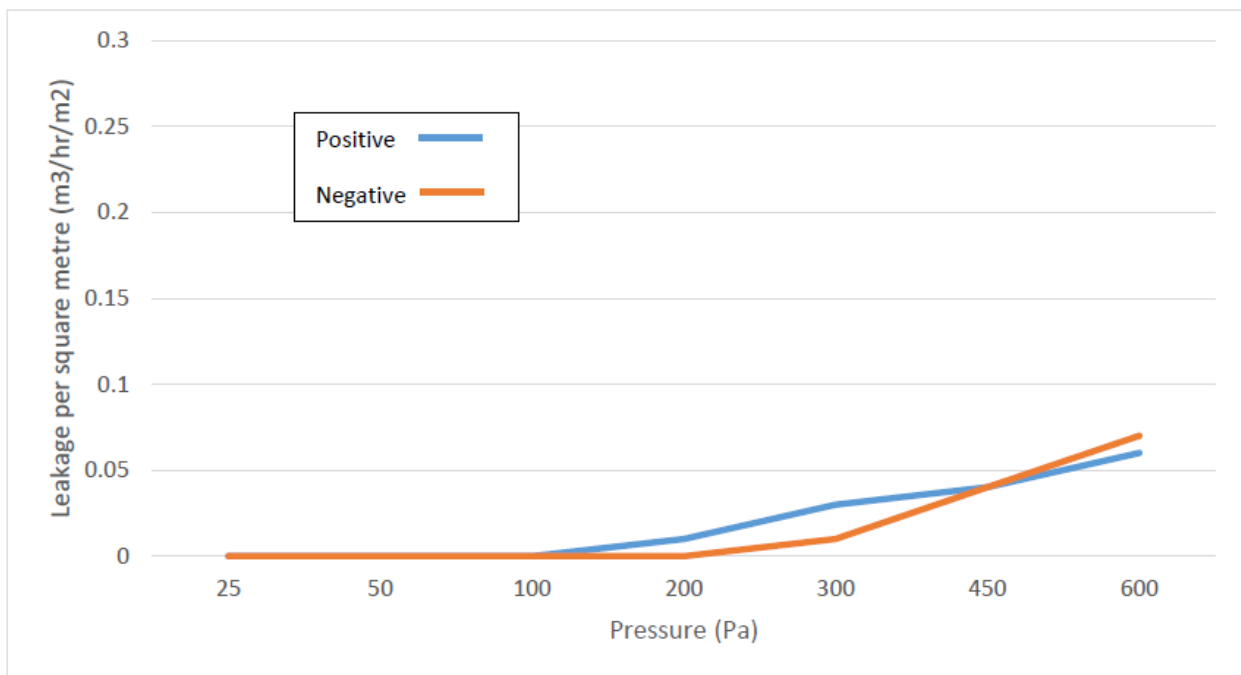
20537727

2025.01, ver. 1

1549

## 1 ANNEX B – AIR PERMEABILITY – SIKACRETE-630 FIRE+

| Product tested                          | 1200 mm high x 600 mm wide x 50 mm deep Sikacrete-630 Fire+ |                             |                                             |
|-----------------------------------------|-------------------------------------------------------------|-----------------------------|---------------------------------------------|
| Summary of testing procedure            |                                                             |                             | Result                                      |
|                                         | Pressure (Pa)                                               | Leakage (m <sup>3</sup> /h) | Leakage (m <sup>3</sup> /m <sup>2</sup> /h) |
| Results under negative chamber pressure | 25                                                          | 0.00                        | 0.00                                        |
|                                         | 50                                                          | 0.00                        | 0.00                                        |
|                                         | 100                                                         | 0.00                        | 0.00                                        |
|                                         | 200                                                         | 0.00                        | 0.00                                        |
|                                         | 300                                                         | 0.01                        | 0.01                                        |
|                                         | 450                                                         | 0.03                        | 0.04                                        |
|                                         | 600                                                         | 0.05                        | 0.07                                        |
| Results under positive chamber pressure | 25                                                          | 0.00                        | 0.00                                        |
|                                         | 50                                                          | 0.00                        | 0.00                                        |
|                                         | 100                                                         | 0.00                        | 0.00                                        |
|                                         | 200                                                         | 0.01                        | 0.01                                        |
|                                         | 300                                                         | 0.02                        | 0.03                                        |
|                                         | 450                                                         | 0.03                        | 0.04                                        |
|                                         | 600                                                         | 0.04                        | 0.06                                        |



### Declaration of Performance

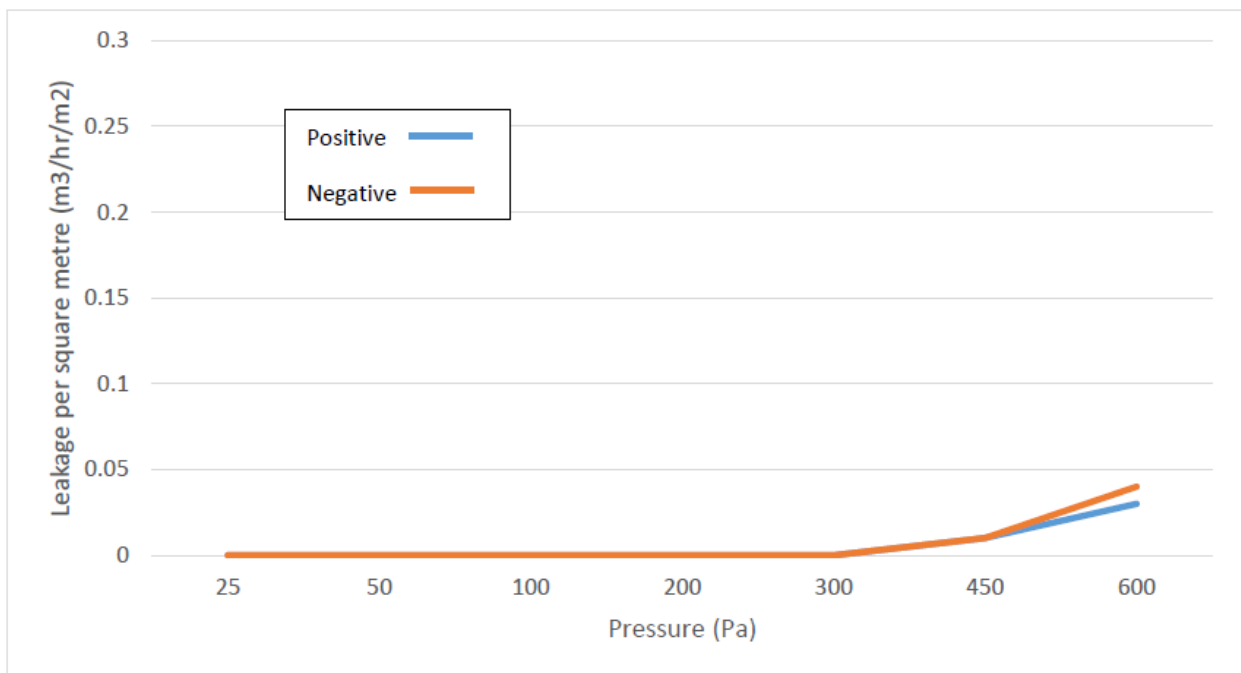
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

|                                         |                                                                                                                                                                                |                             |                                             |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------|
| Product tested                          | 600 mm high x 600 mm wide x 100 mm deep Sikacrete-630 Fire+ inc. 110 mm plastic pipe with 2no layers 50 mm x 1.8 mm SikaSeal-629 Fire Wrap+ cast to one face in centre of seal |                             |                                             |
| Summary of testing procedure            |                                                                                                                                                                                |                             | Result                                      |
|                                         | Pressure (Pa)                                                                                                                                                                  | Leakage (m <sup>3</sup> /h) | Leakage (m <sup>3</sup> /m <sup>2</sup> /h) |
| Results under negative chamber pressure | 25                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 50                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 100                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 200                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 300                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 450                                                                                                                                                                            | 0.01                        | 0.01                                        |
|                                         | 600                                                                                                                                                                            | 0.03                        | 0.04                                        |
| Results under positive chamber pressure | 25                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 50                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 100                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 200                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 300                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 450                                                                                                                                                                            | 0.01                        | 0.01                                        |
|                                         | 600                                                                                                                                                                            | 0.02                        | 0.03                                        |



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

---

**8 LÄMPLIG TEKNISK DOKUMENTATION OCH/ELLER  
SÄRSKILD TEKNISK DOKUMENTATION**

---

Prestandan för ovanstående produkt överensstämmer med den angivna prestandan.  
Denna prestandadeklaration har utfärdats i enlighet med förordning (EU) nr  
305/2011 på eget ansvar av den tillverkare som anges ovan.

Undertecknad på tillverkarens vägnar av:

---

Namn: Daniel Jonsson  
Funktion: VD  
Spånga den 22 januari 2025

Namn: Jörgen Backman  
Funktion: Produktchef  
Spånga den 22 januari 2025



---

Slut på information som krävs enligt förordning (EU) nr. 305/2011

**Declaration of Performance**

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## FULL CE MARK

|                                                                                                                                                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                        |  |
| 21                                                                                                                                                      |  |
| Sika Services AG, Zurich, Switzerland                                                                                                                   |  |
| 20537727                                                                                                                                                |  |
| Resistance to fire - Annex A                                                                                                                            |  |
| Resistance to fire – Annex B                                                                                                                            |  |
| Mechanical resistance and stability / Resistance to impact/movement / Adhesion -<br>Suitable for use in walls and floors in Zone Types I, II, III & IV* |  |
| Durability Z <sub>2</sub>                                                                                                                               |  |
| Airborne sound insulation - Rw 48 (-1;-3) dB                                                                                                            |  |

\*) at dimensions up to 2.4 and with soft and hard body impact

### 2.4 Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): EAD 350454-00-1104

The system Sikacrete-630 Fire+ may be used to seal apertures in the separating element up to 2400 mm wide by 1200 mm high in a wall, and 2400 mm by 1200 mm in a floor. The additional sizes that are permitted in floors are:

| Width (mm) | Length (mm)  |
|------------|--------------|
| 1100       | 2900         |
| 1000       | 4000         |
| 900        | 7000         |
| ≤ 800      | ∞ (infinite) |

The minimum permitted separation between adjacent seals/apertures is 200 mm. Services within the system Sikacrete-630 Fire+ seal do not require a minimum separation, except where specifically detailed in Annex A.

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

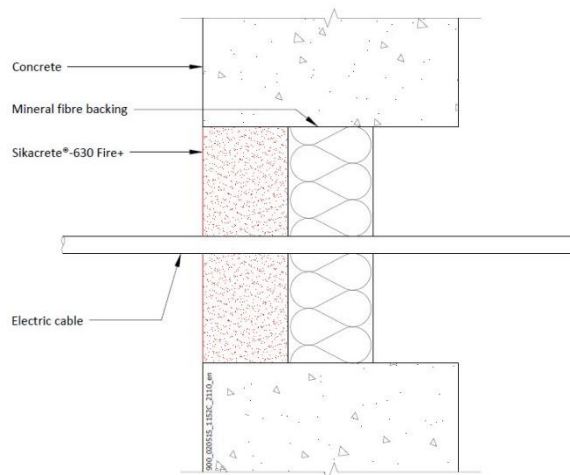
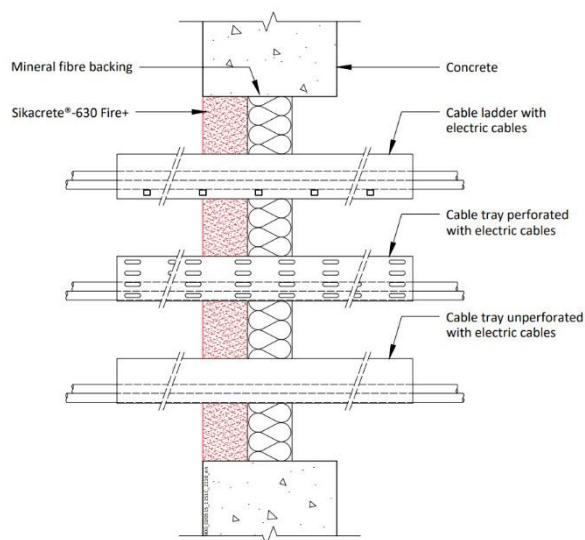
## ANNEX A – RESISTANCE TO FIRE CLASSIFICATION – SIKACRETE-630 FIRE+

### A.1 Rigid wall constructions according to 1.2.1 with wall thickness of minimum 150 mm

#### A.1.1 Cable penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ to either side of the wall (or at any position in between), backed with min. 50 mm stone wool board min. 150 kg/m<sup>3</sup>.

Construction details:



#### A.1.1.1 Single side penetration seal with cables

| Services                                                                  | Maximum aperture | Classification                             |
|---------------------------------------------------------------------------|------------------|--------------------------------------------|
| None (blank)                                                              | As section 2. 4) | E 180, EI 120                              |
| Single electrical cables up to 21 mm Ø                                    |                  | E 180, EI 60                               |
| Single electrical cables up to 21 mm Ø                                    | 80 x 80 mm       | E 240, EI 60                               |
| Electrical cables up to 21 mm Ø (single, bundled and on trays)            | As section 2. 4) | E 180, EI 60                               |
| Electrical cables up to 50 mm Ø (single, bundled and on trays)            |                  | E 180, EI 45                               |
| Electrical cables up to 80 mm Ø (single, bundled and on trays)            |                  | E 120, EI 45                               |
| Telecommunication cables up to 21 mm Ø (single or bundles up to 100 mm Ø) |                  | E 180, EI 90                               |
| Steel cable trays & ladders                                               |                  | E 180, EI 60                               |
| Non-sheathed wires up to 17 mm Ø                                          |                  | E 180, EI 45                               |
| Non-sheathed wires up to 24 mm Ø                                          |                  | E 180, EI 30                               |
| Copper conduits up to 16 mm Ø                                             |                  | E 180 C/U, EI 30 C/U                       |
| Steel conduits up to 16 mm Ø                                              |                  | E 180 C/U, EI 60 C/U                       |
| PVC conduits up to 16 mm Ø                                                |                  | E 180 C/U, E 180 C/C, EI 60 C/U, EI 60 C/C |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

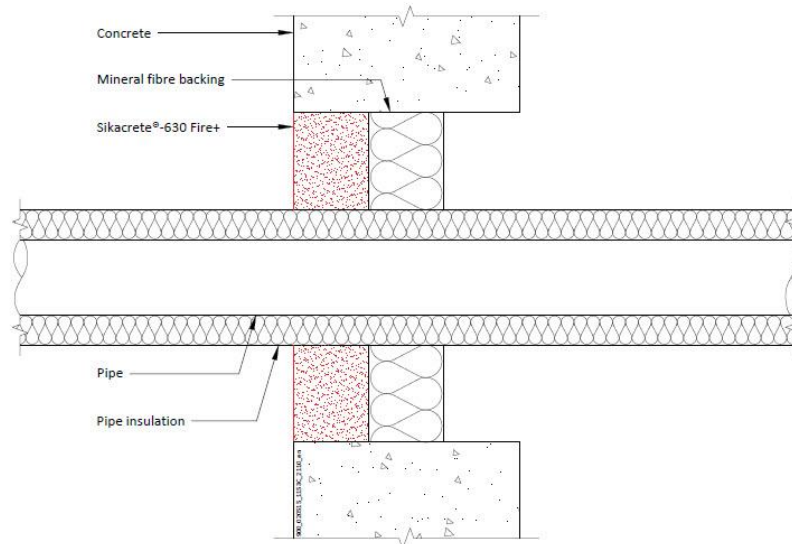
2025.01, ver. 1

1549

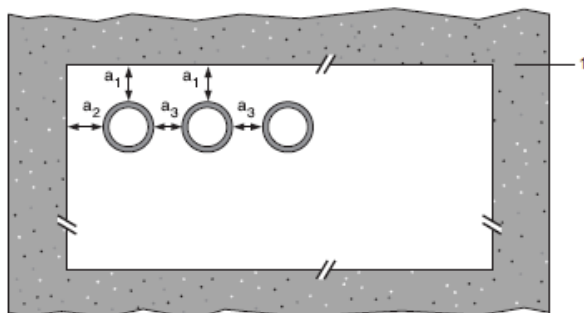
### A.1.2 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between), backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>.

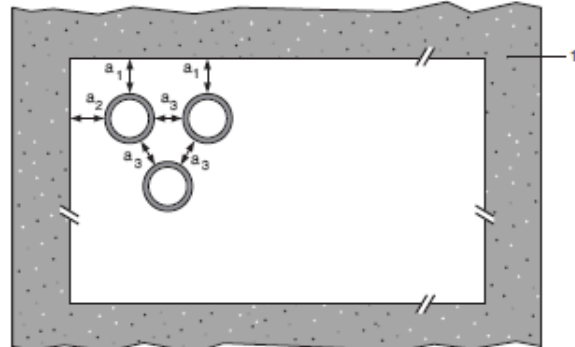
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

#### A.1.2.1 Single side penetration seal with pipes

| Services                                    | Maximum aperture    | Insulation                                    | Classification       |
|---------------------------------------------|---------------------|-----------------------------------------------|----------------------|
| Steel pipes 219 diameter/<br>5-14.2 mm wall | As section<br>2. 4) | 30 mm stone wool<br>min. 80 kg/m <sup>3</sup> | E 120 C/U, EI 90 C/U |

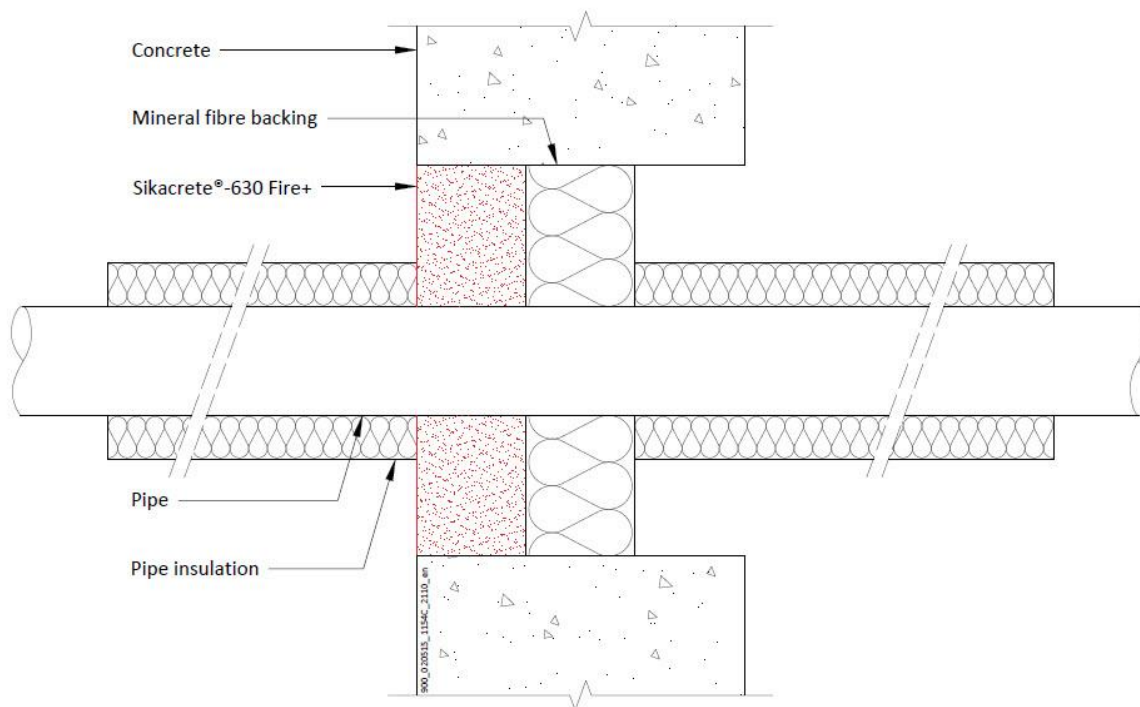
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

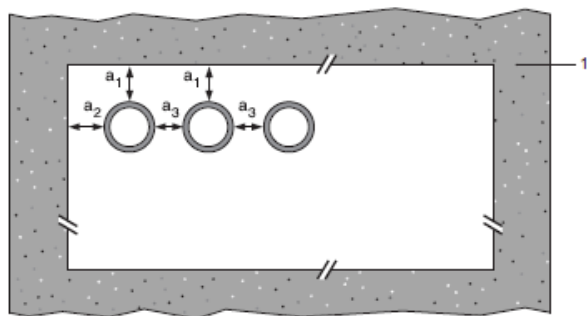
### A.1.3 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic and composite pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between), backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>).

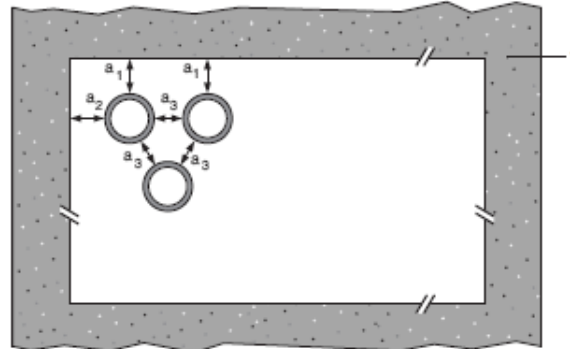
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.1.3.1 Single side penetration seal with pipes

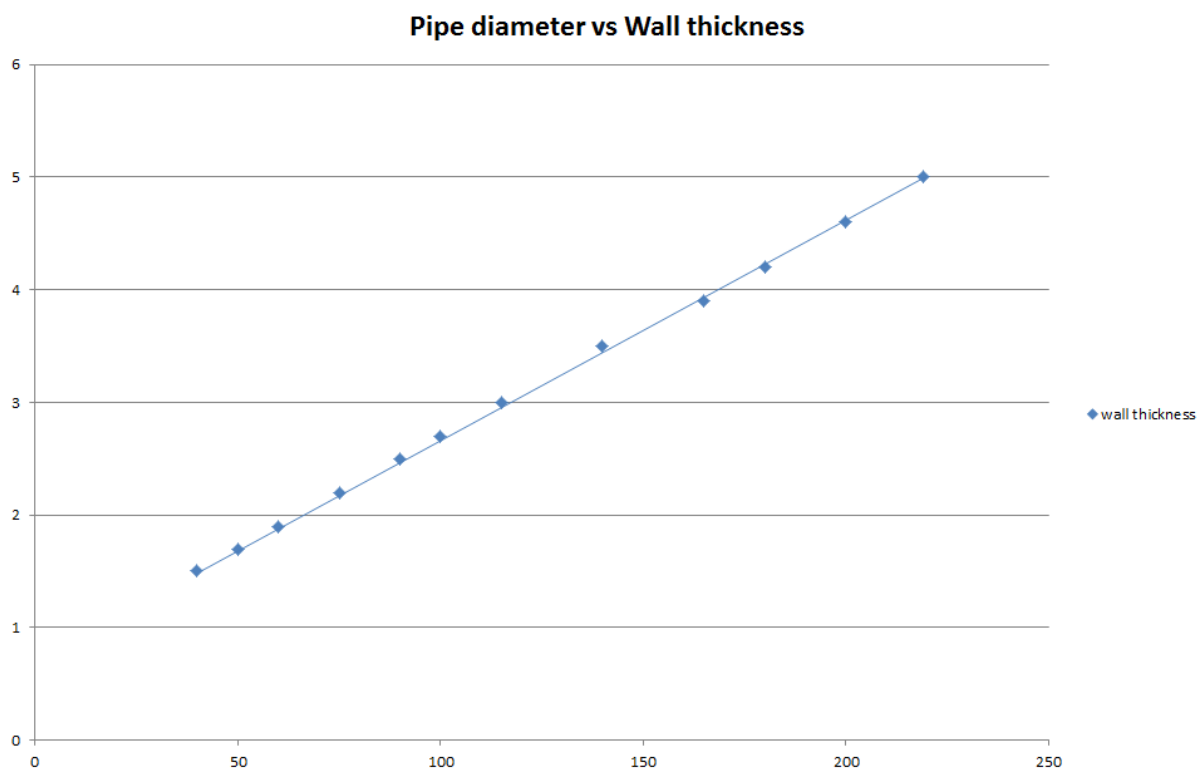
| Services                                                      | Maximum aperture | Insulation, minimum length, thickness and density               | Classification        |
|---------------------------------------------------------------|------------------|-----------------------------------------------------------------|-----------------------|
| Copper or steel pipes up to 12 mm diameter/<br>0.9-5 mm wall  | 70 x 70 mm       | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | EI 240 C/C            |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | 115 x 115 mm     | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | E 240 C/C, EI 120 C/C |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | As section 2. 4) | 1000 mm long, 20 mm stone wool 80 kg/m <sup>3</sup>             | E 180 C/C, EI 120 C/C |
| 75 mm Alupex composite pipes with 7.5 mm wall                 |                  | 600 mm long, 32 mm Elastomeric insulation minimum class B-s3,d0 | EI 60 C/C             |

| Services                           | Maximum aperture | Insulation, minimum length, thickness and density              | Classification        |
|------------------------------------|------------------|----------------------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                  |                                                                |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | 100 x 100 mm     | 1000 mm long, 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   | As section 2. 4) |                                                                | E 180 C/U, EI 120 C/U |
| 40 mm diameter/1.5-14.2 mm wall*   |                  | 1000 mm long, 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 120 C/U, EI 90 C/U  |
| 50 mm diameter/1.7-14.2 mm wall*   |                  |                                                                |                       |
| 60 mm diameter/1.9-14.2 mm wall*   |                  |                                                                |                       |
| 75 mm diameter/2.2-14.2 mm wall*   |                  |                                                                |                       |
| 90 mm diameter/2.5-14.2 mm wall*   |                  |                                                                |                       |
| 100 mm diameter/2.7-14.2 mm wall*  |                  |                                                                |                       |
| 115 mm diameter/3-14.2 mm wall*    |                  |                                                                |                       |
| 140 mm diameter/3.5-14.2 mm wall*  |                  |                                                                |                       |
| 165 mm diameter/ 3.9-14.2 mm wall* |                  |                                                                |                       |
| 180 mm diameter/ 4.2-14.2 mm wall* |                  |                                                                |                       |
| 200 mm diameter/ 4.6-14.2 mm wall* |                  |                                                                |                       |
| 219 mm diameter/ 5.0-14.2 mm wall* |                  |                                                                |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549



**Declaration of Performance**

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

**101/189**

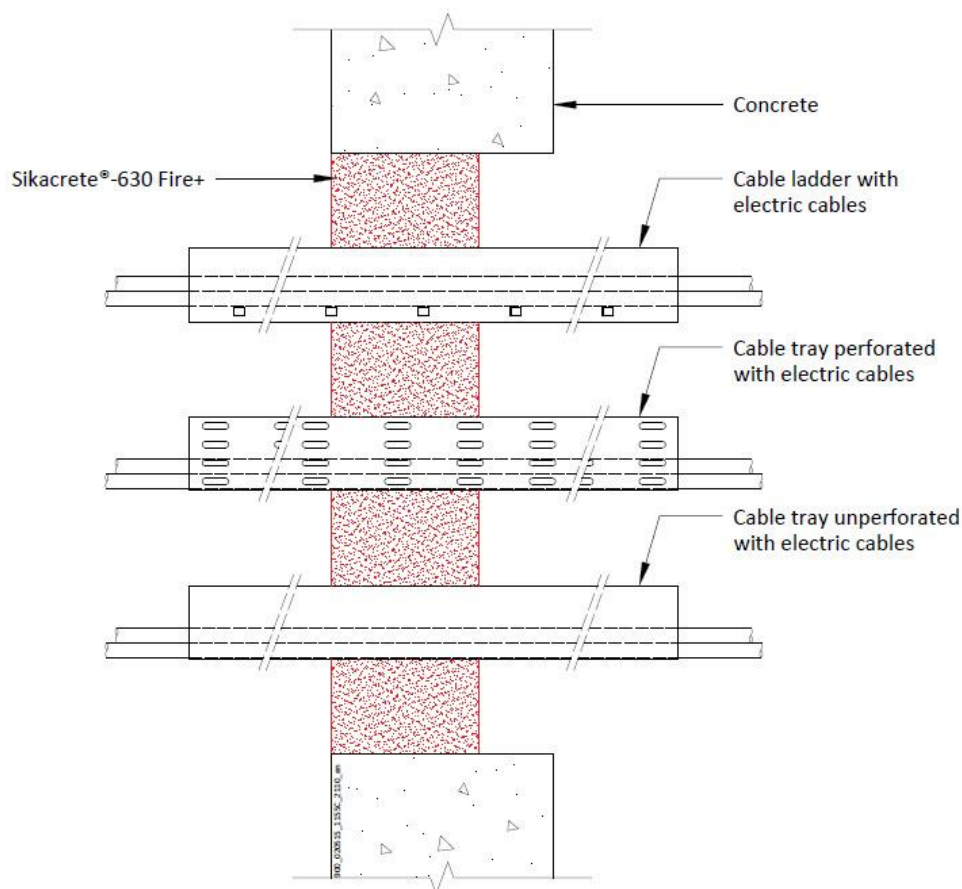
**BUILDING TRUST**



#### A.1.4 Cable penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall (or at any position in between).

Construction details:



##### A.1.4.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 240                 |
| Electrical cables up to 21 mm Ø (single, bundled and on trays) |                  | E 240, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  |                        |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | EI 120                 |
| Steel cable trays & ladders                                    |                  | E 120, EI 60           |
| Non-sheathed cables up to 24 mm Ø                              |                  |                        |
| Copper conduits up to 16 mm Ø                                  |                  | E 180 C/U, EI 30 C/U   |
| Steel conduits up to 16 mm Ø                                   |                  | E 180 C/U, EI 60 C/U   |
| PVC conduits up to 16 mm Ø                                     |                  | EI 240 C/U, EI 240 C/C |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

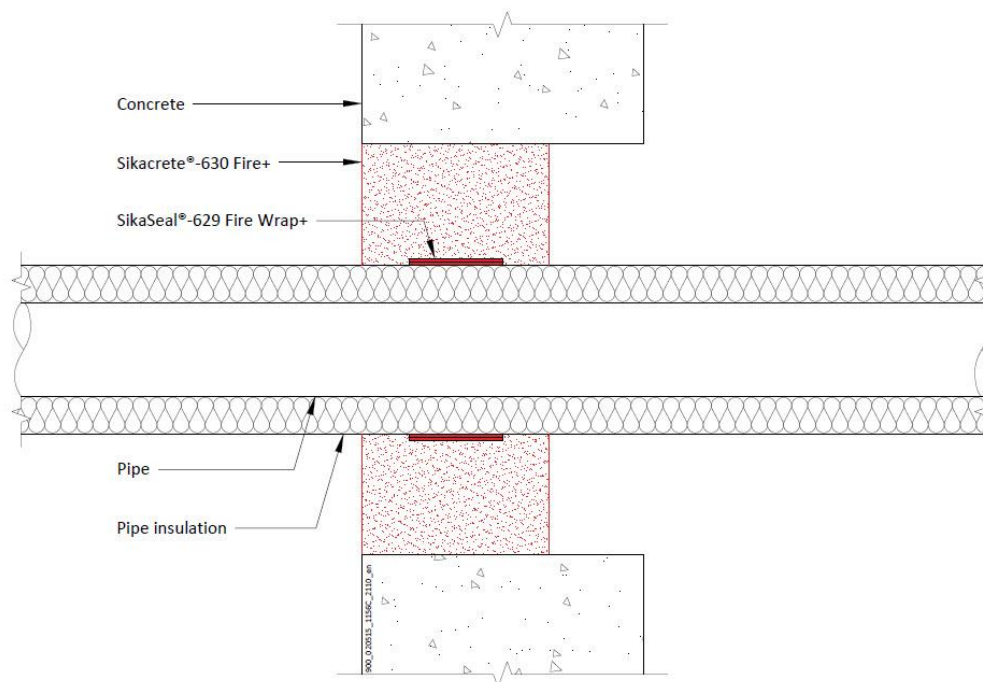
2025.01, ver. 1

1549

### A.1.5 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall. SikaSeal-629 Fire Wrap+ are required to be centrally within the seal for pipes with combustible insulation. Maximum seal size as section 2. 4).

Construction details:



#### A.1.5.1 Single side penetration seal with pipes

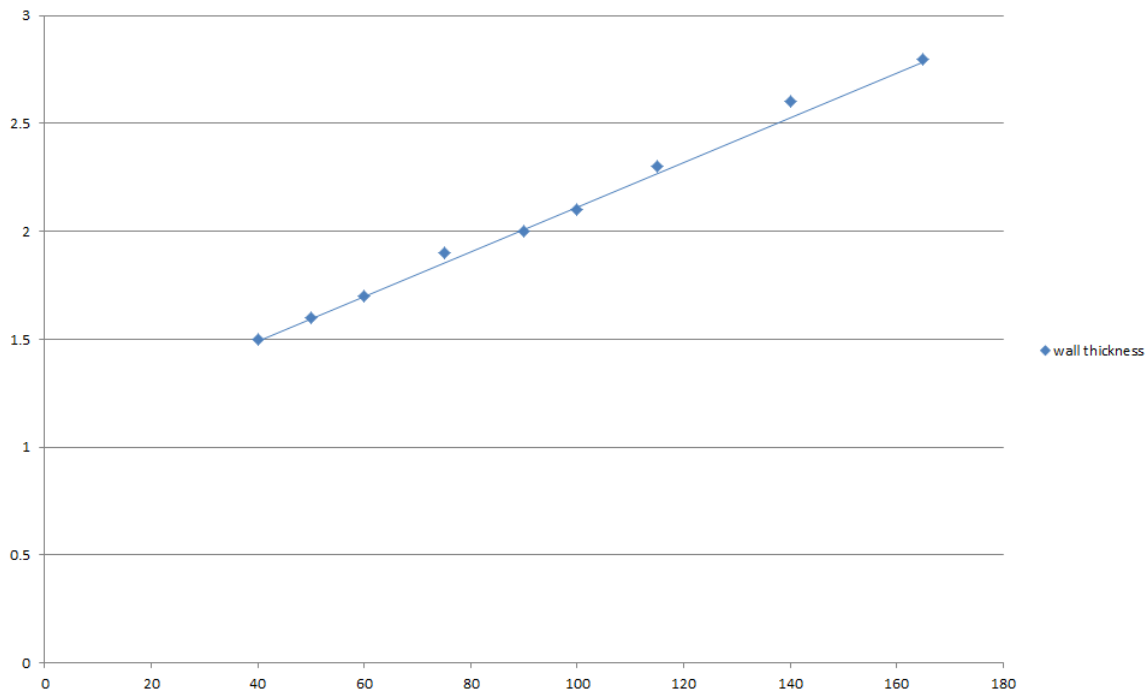
| Services                          | Wrap                                                              | Insulation                                                          | Classification       |
|-----------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                                                                   |                                                                     |                      |
| 40 mm diameter/1.5-14.2 mm wall   | 1 off 50 x 3.6mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0     | EI 240 C/U           |
| 165 mm diameter/4.5-14.2 mm wall  |                                                                   | 9 mm Elastomeric<br>insulation<br>minimum class B-<br>s3,d0         | E 240 C/U, EI 30 C/U |
| 40 mm diameter/1.5-14.2 mm wall*  | 1 off 50 x 1.8mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13 -19 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0 | E 240 C/U, EI 60 C/U |
| 50 mm diameter/1.6-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 60 mm diameter/1.7-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 75 mm diameter/1.9-14.2 mm wall*  |                                                                   |                                                                     |                      |
| 90 mm diameter/2-14.2 mm wall*    |                                                                   |                                                                     |                      |
| 100 mm diameter/2.1-14.2 mm wall* |                                                                   |                                                                     |                      |
| 115 mm diameter/2.3-14.2 mm wall* |                                                                   |                                                                     |                      |
| 140 mm diameter/2.6-14.2 mm wall* |                                                                   |                                                                     |                      |
| 165 mm diameter/2.8-14.2 mm wall* |                                                                   |                                                                     |                      |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



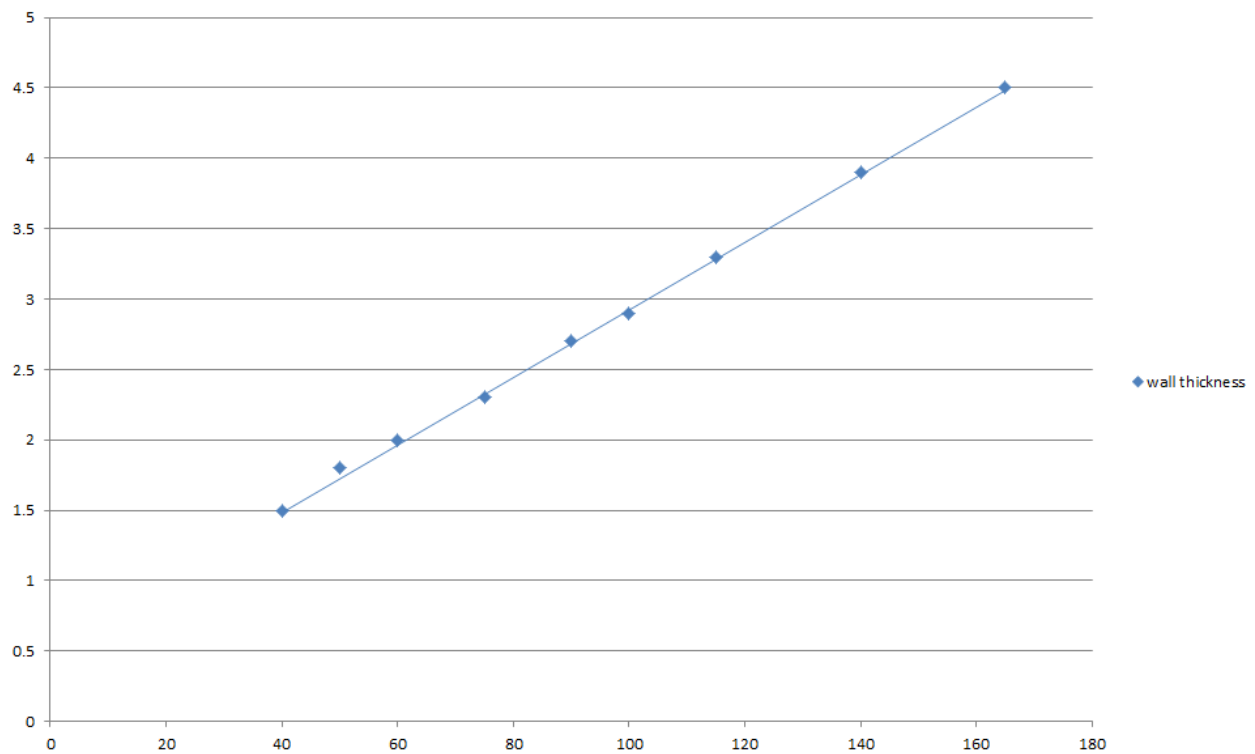
| Services                          | Wrap                                                              | Insulation                                                         | Classification              |
|-----------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------|
| Mild or stainless steel pipes     |                                                                   |                                                                    |                             |
| 40 mm diameter/1.5-14.2 mm wall*  | 1 off 50 x 3.6mm<br>SikaSeal-629 Fire<br>Wrap+,<br>fitted central | 13-25 mm<br>Elastomeric<br>insulation<br>minimum class B-<br>s3,d0 | <b>E 180 C/U, EI 60 C/U</b> |
| 50 mm diameter/1.8-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 60 mm diameter/2-14.2 mm wall*    |                                                                   |                                                                    |                             |
| 75 mm diameter/2.3-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 90 mm diameter/2.7-14.2 mm wall*  |                                                                   |                                                                    |                             |
| 100 mm diameter/2.9-14.2 mm wall* |                                                                   |                                                                    |                             |
| 115 mm diameter/3.3-14.2 mm wall* |                                                                   |                                                                    |                             |
| 140 mm diameter/3.9-14.2 mm wall* |                                                                   |                                                                    |                             |
| 165 mm diameter/4.5-14.2 mm wall* |                                                                   |                                                                    |                             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

Pipe diameter vs Wall thickness



**Declaration of Performance**

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

105/189

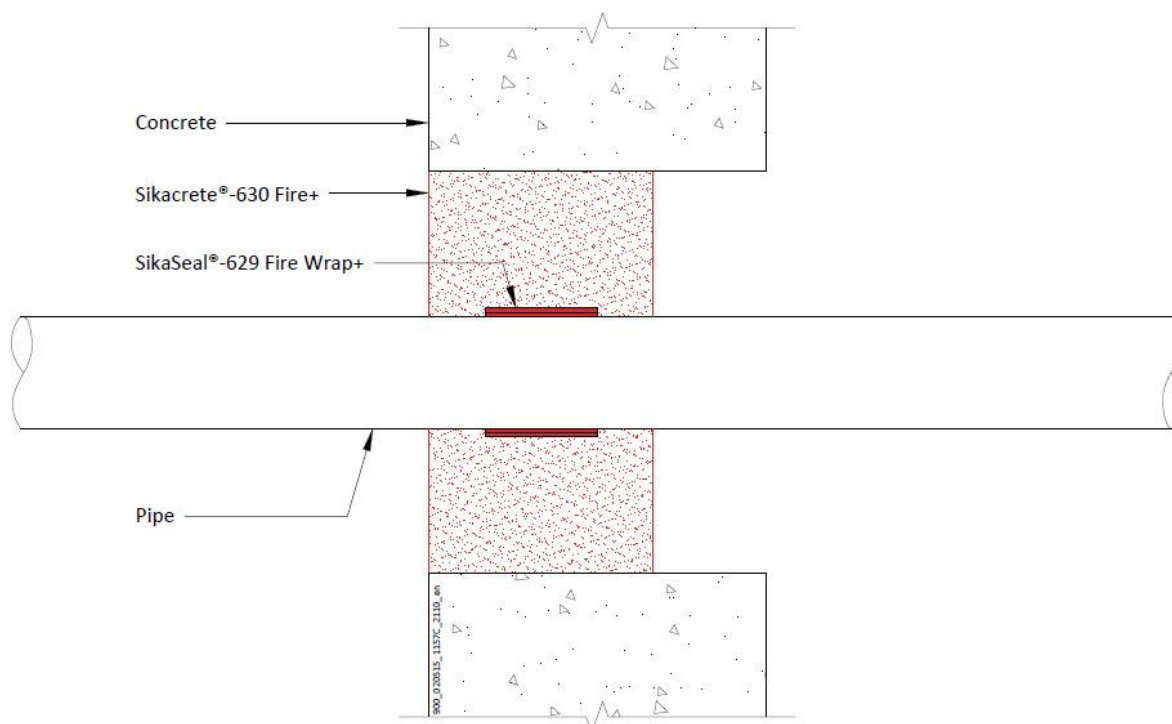
**BUILDING TRUST**



### A.1.6 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** plastic pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ to either side of the wall. SikaSeal-629 Fire Wrap+ are required to be centrally within the seal. Maximum seal size as section 2. 4).

Construction details:



#### A.1.6.1 Single side penetration seal with pipes

| Services                                                                                  | Wrap                                                     | Insulation | Classification |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------|------------|----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1, PVC-C according to EN 1566-1 |                                                          |            |                |
| 315 mm diameter/9.2 mm wall                                                               | 1 off 75 x 18 mm SikaSeal-629 Fire Wrap+, fitted central | None       | EI 120 C/C     |

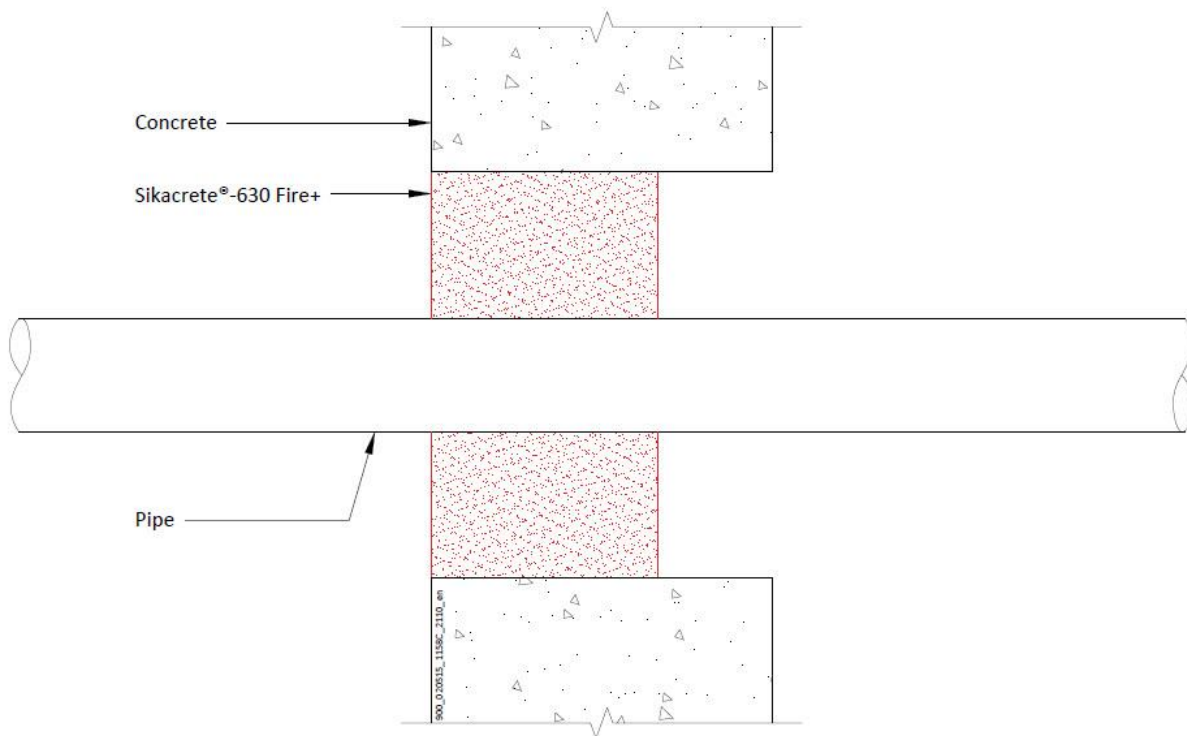
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

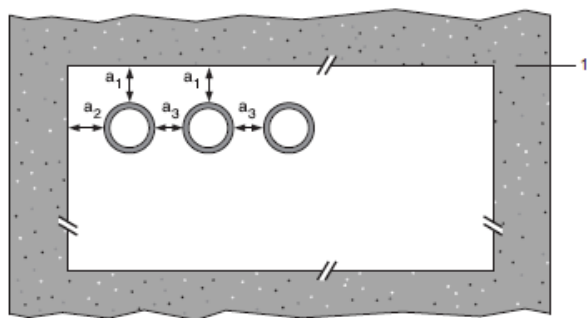
### A.1.7 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Combustible pipes sealed with Sikacrete-630 Fire+, to either side of the wall. Minimum separation between pipes of 30 mm ( $a_3$ ) and from seal edges 30 mm ( $a_1$  &  $a_2$ ). Maximum seal size as section 2. 4).

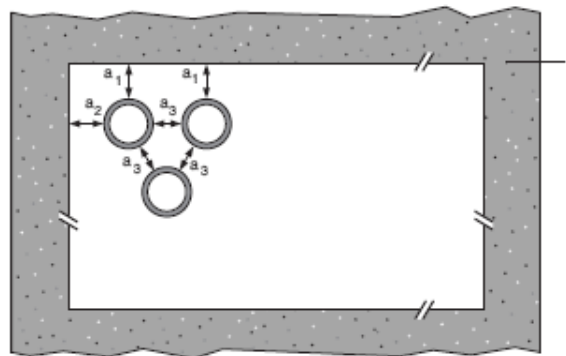
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.1.7.1 Single side penetration seal with pipes

| Services                                                                                                                                                   | Seal Depth,<br>minimum | Permitted configuration<br>for seal separation | Classification  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1^, PVC-C according to EN 1566-1                                                                 |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.6 – 2.4 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1 <sup>§</sup> , ABS according to EN 1455-1 and pipes made<br>from SAN+PVC according to EN 1565-1 |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.8 – 3.0 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |
| PP pipes according to EN 1852-1: 2009                                                                                                                      |                        |                                                |                 |
| Diameter up to 32 mm, wall thickness<br>1.9 – 4.4 mm                                                                                                       | 100 mm                 | 1 & 2                                          | EI 120 U/C, C/C |

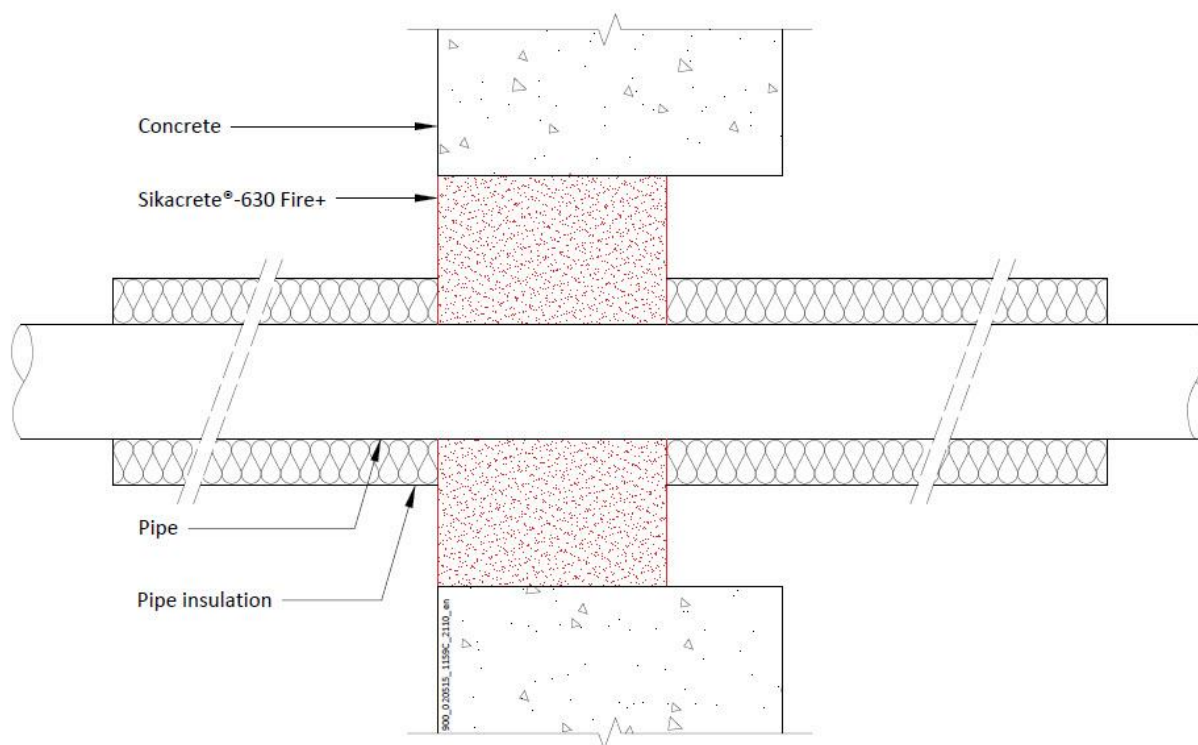
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

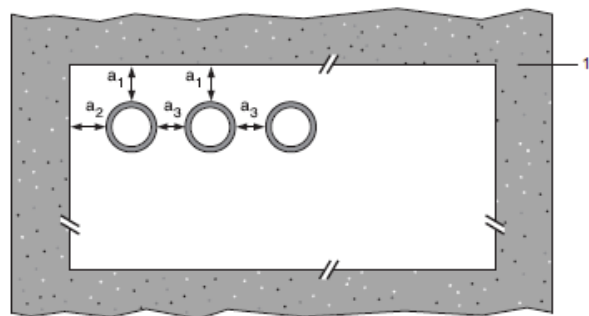
### A.1.8 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** 1000 mm (min.) LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic pipes fitted at any position within the aperture (min. separation 20 mm from seal edges, with min. 100 mm Sikacrete-630 Fire+ to either sides of the wall (or any position in between))

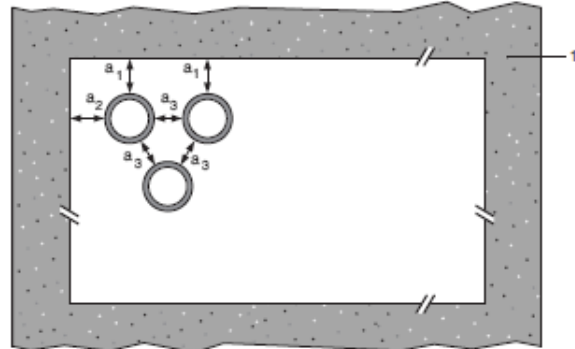
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

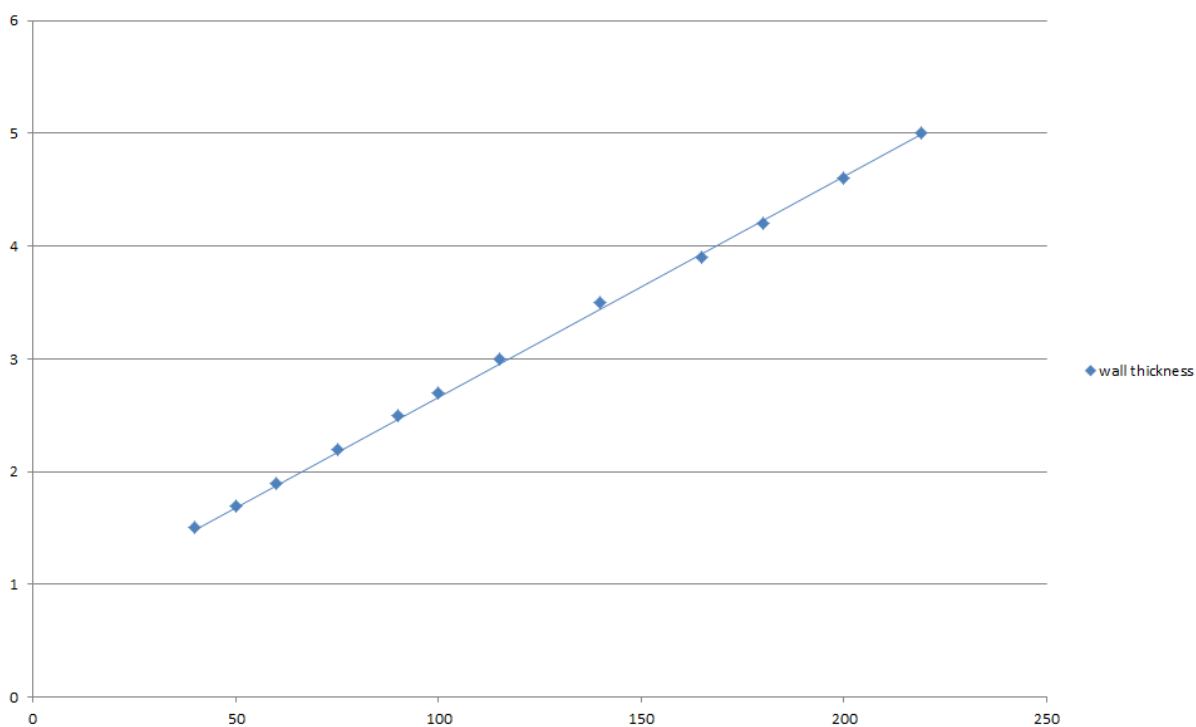
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.1.8.1 Single side penetration seal with pipes

| Services                           | Maximum aperture | Insulation, minimum thickness and density        | Classification        |
|------------------------------------|------------------|--------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                  |                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | As section 2. 4) | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 120 C/U |
| 50 mm diameter/1.7-14.2 mm wall*   |                  |                                                  |                       |
| 60 mm diameter/1.9-14.2 mm wall*   |                  |                                                  |                       |
| 75 mm diameter/2.2-14.2 mm wall*   |                  |                                                  |                       |
| 90 mm diameter/2.5-14.2 mm wall*   |                  |                                                  |                       |
| 100 mm diameter/2.7-14.2 mm wall*  |                  |                                                  |                       |
| 115 mm diameter/3-14.2 mm wall*    |                  |                                                  |                       |
| 140 mm diameter/3.5-14.2 mm wall*  |                  |                                                  |                       |
| 165 mm diameter/ 3.9-14.2 mm wall* |                  |                                                  |                       |
| 180 mm diameter/ 4.2-14.2 mm wall* |                  |                                                  |                       |
| 200 mm diameter/ 4.6-14.2 mm wall* |                  |                                                  |                       |
| 219 mm diameter/ 5.0-14.2 mm wall* |                  |                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



### Declaration of Performance

Sikacrete-630 Fire+

20537727

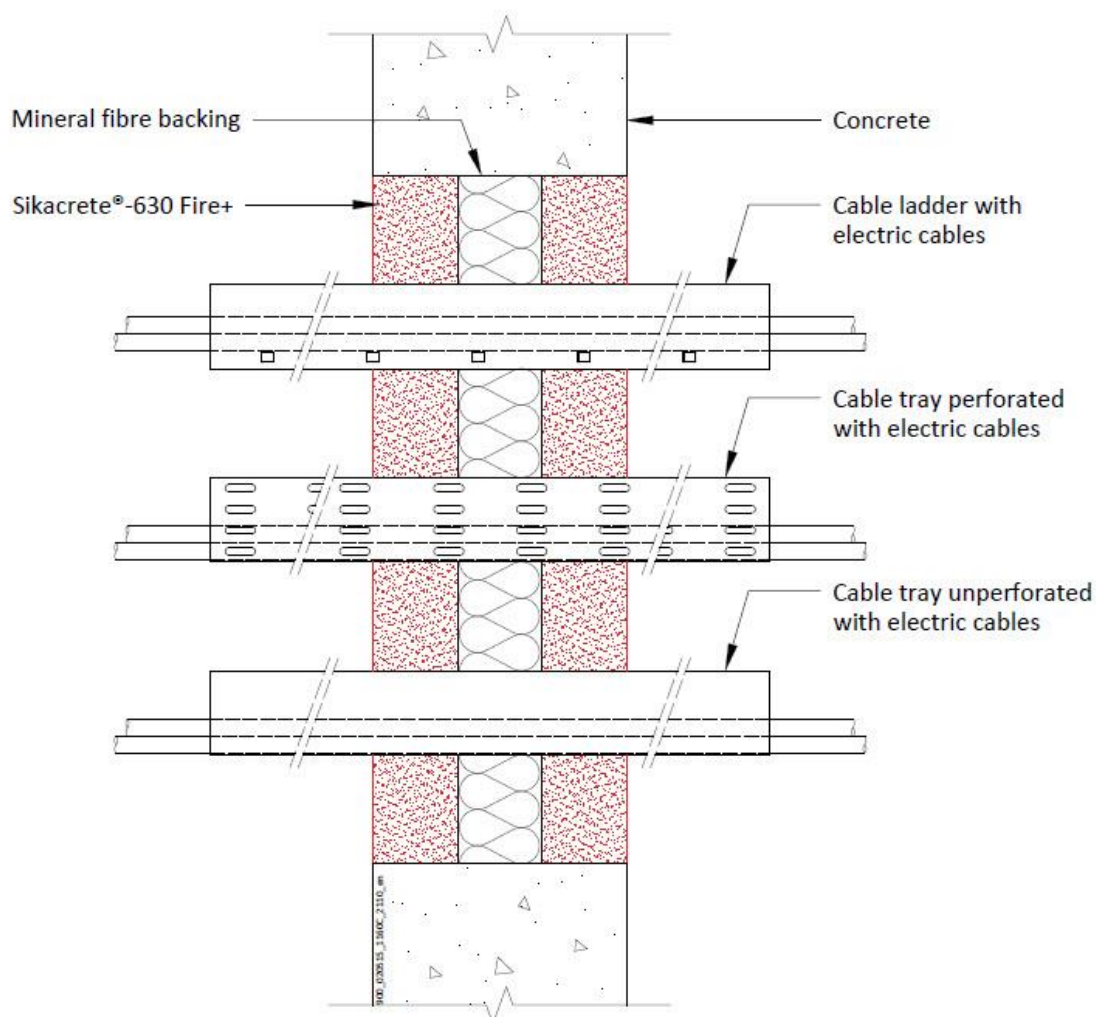
2025.01, ver. 1

1549

### A.1.9 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ to both faces

**Penetration Seal:** Cables fitted with Sikacrete-630 Fire+ to both sides of the wall, backed with stone wool insulation board min. 150kg/m<sup>3</sup>. Maximum seal size as section 2. 4) and minimum separation between cables and the edge of the seal of 30 mm.

Construction details:



#### A.1.9.1 Single side penetration seal with pipes

| Services                                                                          | Mortar depth | Backing                                          | Insulation | Classification |
|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------|------------|----------------|
| Blank seals                                                                       | Min. 50 mm   | Min. 50 mm Stone wool min. 150 kg/m <sup>3</sup> | None       | EI 240         |
| Electric cables up to 80 mm diameter, single or in a bundle.                      |              |                                                  |            | E 240 EI 60    |
| Steel cable trays and ladders up to 500 mm wide                                   |              |                                                  |            | EI 60          |
| Telecoms cables up to 21 mm diameter, single or in a bundle up to 100 mm diameter |              |                                                  |            | E 240 EI 120   |
| Unsheathed wires up to 24 mm diameter                                             |              |                                                  |            |                |

#### Declaration of Performance

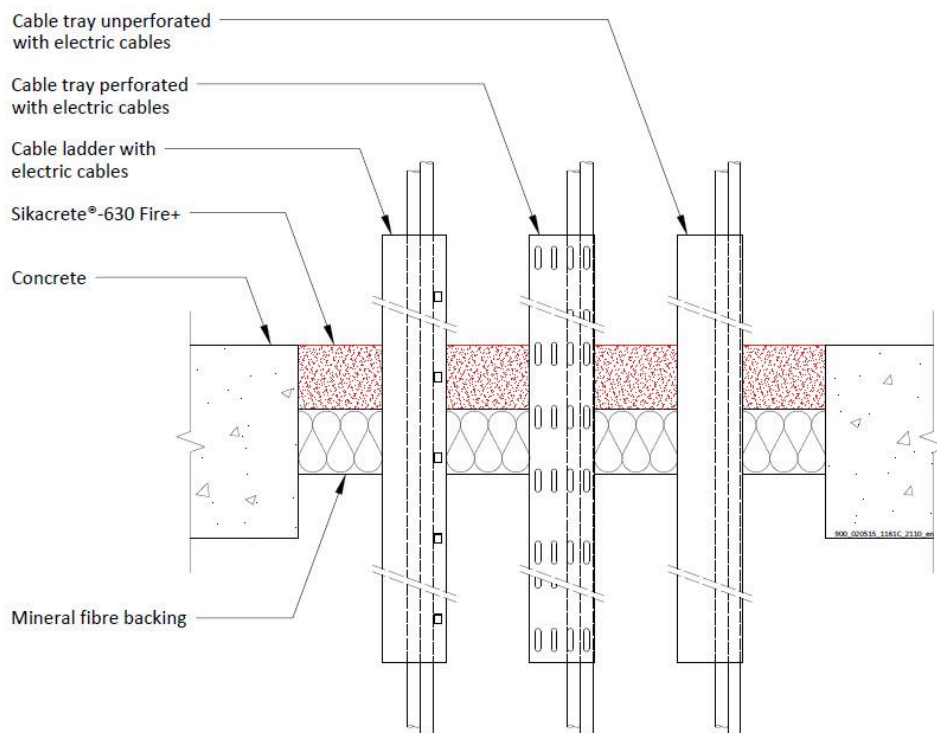
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.2 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 100 mm

### A.2.1 Cable penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ flush with the top of the floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>

Construction details:



#### A.2.1.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 180                 |
| Single* electrical cables up to 21 mm Ø                        |                  | E 180, EI 90           |
| Electrical cables up to 21 mm Ø (single, bundled and on trays) |                  | E 180, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  | E 90, EI 45            |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | EI 180                 |
| Steel cable trays & ladders                                    |                  | E 90, EI 60            |
| Non-sheathed wires up to 17 mm Ø                               |                  | E 180, EI 60           |
| Non-sheathed wires up to 24 mm Ø                               |                  | E 180, EI 30           |
| PVC conduits up to 16 mm Ø                                     |                  | EI 180 C/U, EI 180 C/C |

\* To be separated by at least 30 mm

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

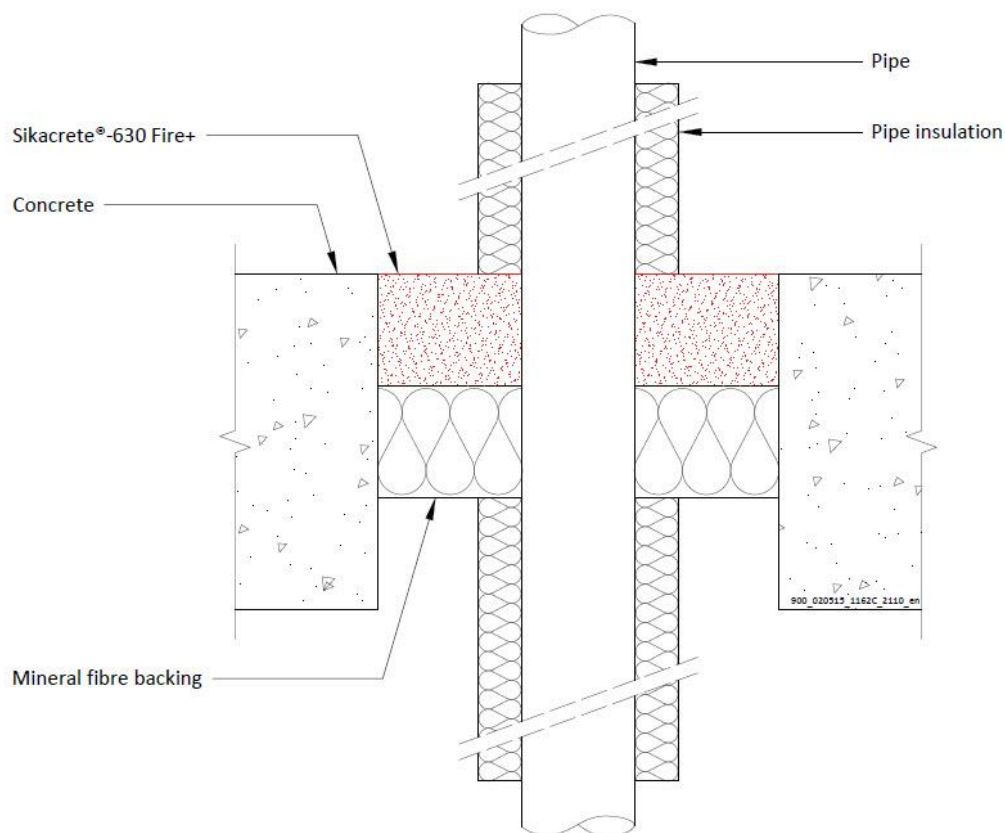
2025.01, ver. 1

1549

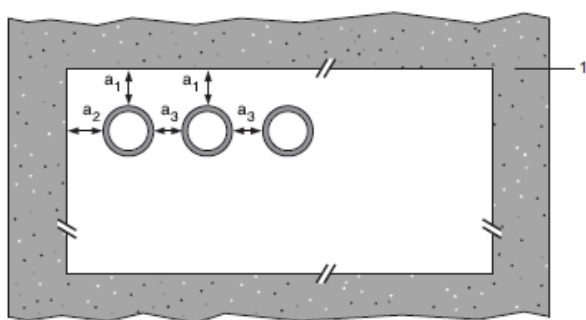
## A.2.2 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** 1000 mm (min.) LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges, with min. 50 mm Sikacrete-630 Fire+ flush with the top of floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>)

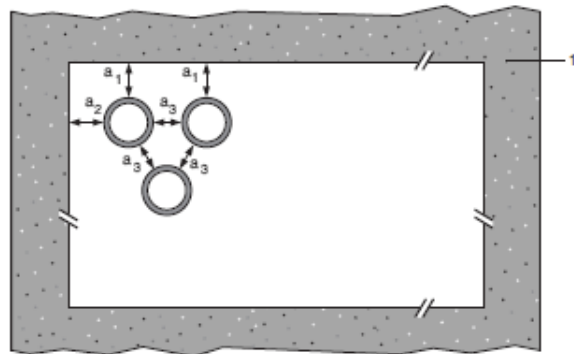
Construction details:



**Configuration 1**



**Configuration 2**



### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.2.2.1 Single side penetration seal with pipes

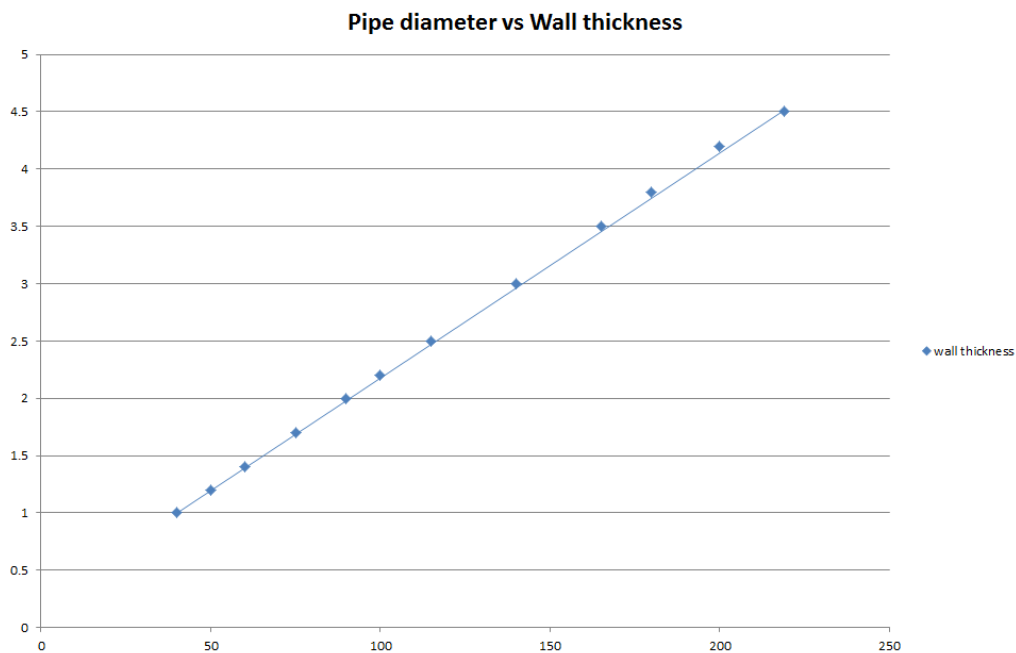
| Services                                                      | Maximum aperture | Insulation, minimum thickness and density | Classification        |
|---------------------------------------------------------------|------------------|-------------------------------------------|-----------------------|
| Copper or steel pipes up to 12 mm diameter/<br>1-5 mm wall    | 70 x 70 mm       | 20 mm stone wool 80 kg/m <sup>3</sup>     | EI 240 C/C            |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | 115 x 115 mm     |                                           | E 240 C/C, EI 180 C/C |
| Copper or steel pipes up to 54 mm diameter/<br>1-14.2 mm wall | As section 2. 4) |                                           | EI 180 C/C            |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                          | Maximum aperture | Insulation, minimum thickness and density        | Classification       |
|-----------------------------------|------------------|--------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                  |                                                  |                      |
| 40 mm diameter/1-14.2 mm wall*    | 280 x 280 mm     | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U           |
| 40 mm diameter/1-14.2 mm wall*    |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                  |                                                  |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                  |                                                  |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                  |                                                  |                      |
| 90 mm diameter/2-14.2 mm wall*    |                  |                                                  |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                  |                                                  |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                  |                                                  |                      |
| 140 mm diameter/3-14.2 mm wall*   |                  |                                                  |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                  |                                                  |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                  |                                                  |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                  |                                                  |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                  |                                                  |                      |

\* Typical pipe diameters shown, see below graph for intermediate sizes

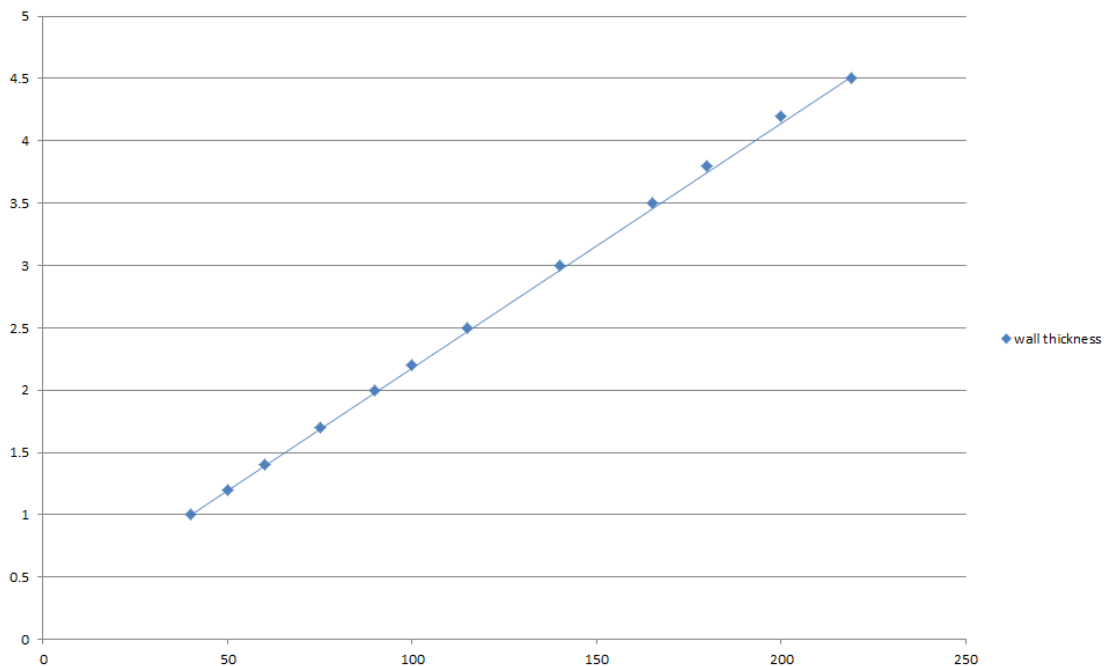


#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                          | Maximum aperture | Insulation, minimum thickness and density        | Classification       |
|-----------------------------------|------------------|--------------------------------------------------|----------------------|
| Mild or stainless steel pipes     |                  |                                                  |                      |
| 40 mm diameter/1-14.2 mm wall*    | As section 2. 4) | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 180 C/U           |
| 40 mm diameter/1-14.2 mm wall*    |                  | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 180 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                  |                                                  |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                  |                                                  |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                  |                                                  |                      |
| 90 mm diameter/2-14.2 mm wall*    |                  |                                                  |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                  |                                                  |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                  |                                                  |                      |
| 140 mm diameter/3-14.2 mm wall*   |                  |                                                  |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                  |                                                  |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                  |                                                  |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                  |                                                  |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                  |                                                  |                      |

**Pipe diameter vs Wall thickness**



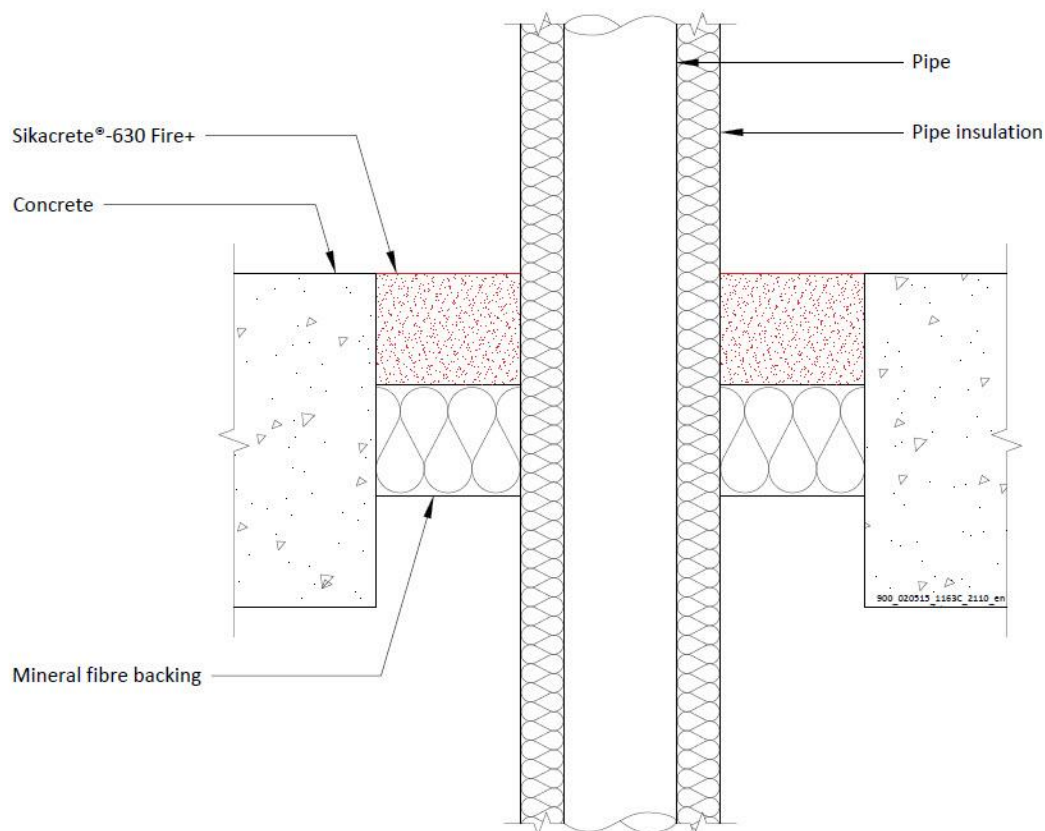
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

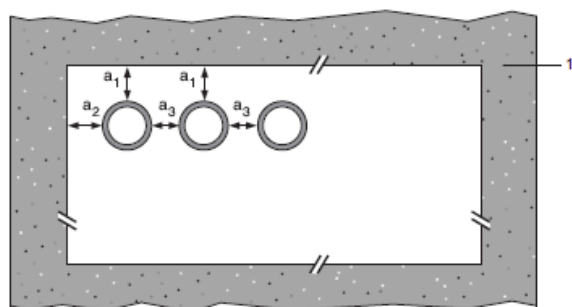
### A.2.3 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ backed with mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture, with min. 50 mm Sikacrete-630 Fire+, backed with min. 50 mm stone wool min. 140 kg/m<sup>3</sup> positioned at any height within the depth of the floor. Minimum separation between penetration seals and seal edges of 30 mm (configuration 1 & 2). Maximum aperture size as section 2. 4).

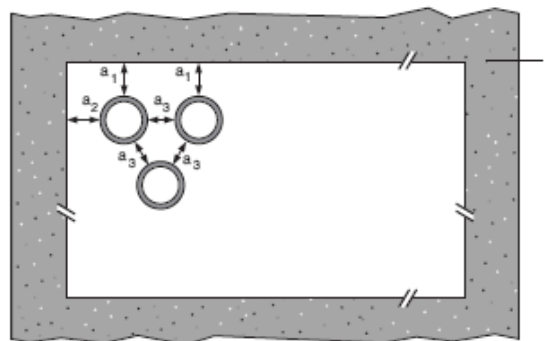
Construction details:



**Configuration 1**



**Configuration 2**



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

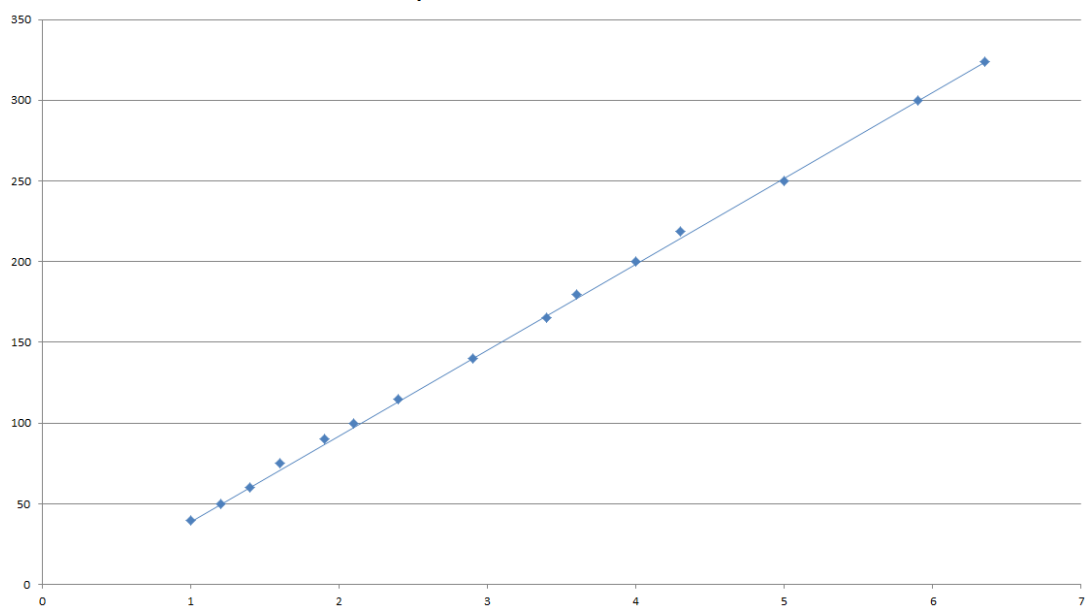
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.3.1

| Mild or stainless steel pipes                           | Insulation                                                   | Classification              |
|---------------------------------------------------------|--------------------------------------------------------------|-----------------------------|
| 40 mm diameter/1-14.2 mm wall                           | 20 mm thick stone, mineral wool min. 80 kg/m <sup>3</sup>    | EI 180 C/U<br>(EI 240 C/U)* |
| 40 mm diameter/1-14.2 mm wall*                          | 30-80 mm thick stone, mineral wool min. 80 kg/m <sup>3</sup> |                             |
| 50 mm diameter/1.2-14.2 mm wall*                        |                                                              |                             |
| 60 mm diameter/1.4-14.2 mm wall*                        |                                                              |                             |
| 75 mm diameter/1.6-14.2 mm wall*                        |                                                              |                             |
| 90 mm diameter/1.9-14.2 mm wall*                        |                                                              |                             |
| 100 mm diameter/2.1-14.2 mm wall*                       |                                                              |                             |
| 115 mm diameter/2.4-14.2 mm wall*                       |                                                              |                             |
| 140 mm diameter/2.9-14.2 mm wall*                       |                                                              |                             |
| 165 mm diameter/ 3.4-14.2 mm wall*                      |                                                              |                             |
| 180 mm diameter/ 3.6-14.2 mm wall*                      |                                                              |                             |
| 200 mm diameter/ 4.0-14.2 mm wall*                      |                                                              |                             |
| 219 mm diameter/ 4.3-14.2 mm wall*                      |                                                              |                             |
| 250 mm diameter/ 5.0-14.2 mm wall*                      |                                                              |                             |
| 300 mm diameter/ 5.9-14.2 mm wall*                      |                                                              |                             |
| 324 mm diameter/ 6.35-14.2 mm wall*                     |                                                              |                             |
| PEX pipe in pipe systems                                | Insulation                                                   | Classification              |
| 15 mm diameter x 2.5 mm wall inner /25mm diameter outer | None                                                         | EI 180 C/C<br>(EI 240 C/C)* |

\* EI 240 in apertures up to a maximum of 550 x 1100 mm

Pipe Diameter vs wall thickness



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

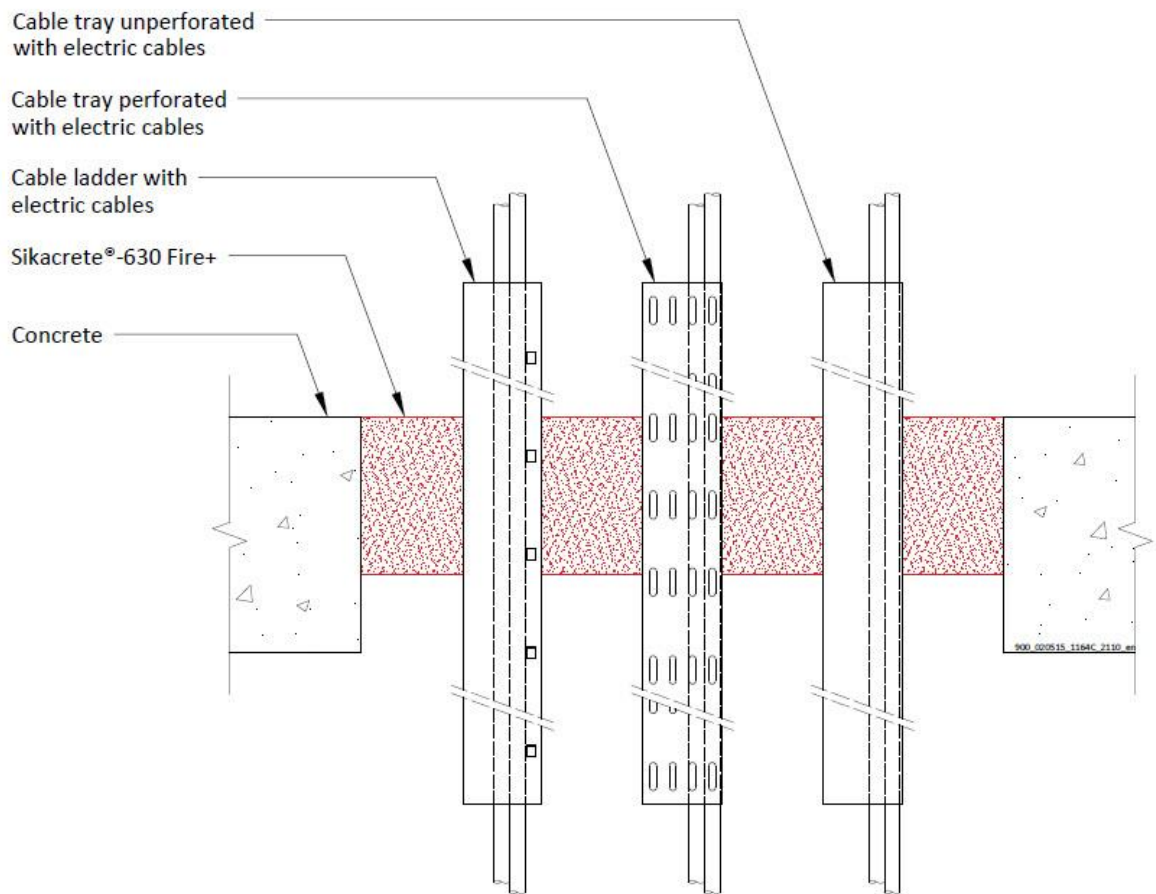
2025.01, ver. 1

1549

## A.2.4 Cable penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 100 mm Sikacrete-630 Fire+ flush with the top of the floor

Construction details:



### A.2.4.1 Single side penetration seal with cables

| Services                                                       | Maximum aperture | Classification         |
|----------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                   | As section 2. 4) | EI 240                 |
| Electrical cables up to 50 mm Ø (single, bundled and on trays) |                  | E 180, EI 60           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays) |                  | E 120, EI 60           |
| Cables up to 21mm Ø in tied bundles up to 100mm Ø              |                  | E 180, EI 120          |
| Steel cable trays & ladders                                    |                  | E 120, EI 60           |
| Non-sheathed cables up to 17 mm Ø                              |                  | E 180, EI 90           |
| Non-sheathed cables up to 24 mm Ø                              |                  | E 180, EI 20           |
| PVC conduits up to 16 mm Ø                                     |                  | EI 180 C/U, EI 180 C/C |

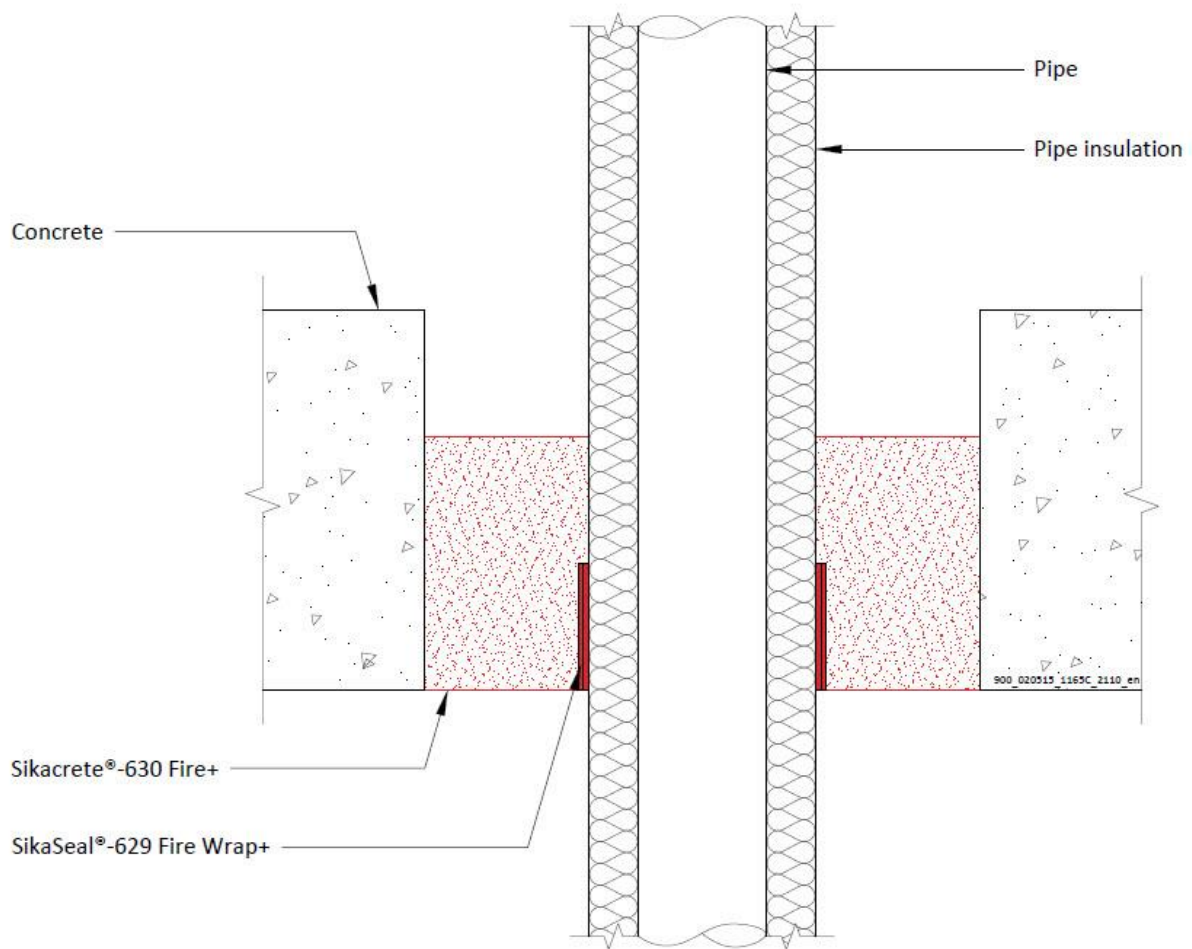
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.5 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 25 mm from seal edges and 30 mm from other services), with min. 100 mm Sikacrete-630 Fire+ at any position within the floor. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

### A.2.5.1 Single side penetration seal with pipes

| Services                        | Wrap                                                              | Insulation                                                                                                  | Classification       |
|---------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------|
| Copper and steel pipes          |                                                                   |                                                                                                             |                      |
| 12 mm diameter/1 mm wall        | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+<br>fitted to the soffit | 9 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation        | EI 240 C/C           |
| 12-54 mm diameter/1-1.2 mm wall |                                                                   | 13-25 mm<br>Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation | E 240 C/C, EI 60 C/C |
| Alupex pipes                    |                                                                   |                                                                                                             |                      |
| 16 mm diameter/2.25 mm wall     | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+<br>fitted to the soffit | 9 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation        | EI 240 C/C           |
| 16 mm diameter/2.25 mm wall     |                                                                   | 9-13 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation     | E 240 C/C, EI 90 C/C |
| 20 mm diameter/2.5 mm wall      |                                                                   |                                                                                                             |                      |
| 26 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 32 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 40 mm diameter/3.5 mm wall      |                                                                   |                                                                                                             |                      |
| 50 mm diameter/4 mm wall        |                                                                   | 13-25 mm<br>Elastomeric<br>insulation minimum<br>class B-s3,d0 or foil<br>faced Phenolic Foam<br>insulation | E 180 C/C, EI 90 C/C |
| 63 mm diameter/4.5 mm wall      |                                                                   |                                                                                                             |                      |
| 75 mm diameter/4.7 mm wall      |                                                                   |                                                                                                             |                      |
| 16 mm diameter/2.25 mm wall     |                                                                   |                                                                                                             |                      |
| 20 mm diameter/2.5 mm wall      |                                                                   |                                                                                                             |                      |
| 26 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 32 mm diameter/3 mm wall        |                                                                   |                                                                                                             |                      |
| 40 mm diameter/3.5 mm wall      |                                                                   |                                                                                                             |                      |
| 50 mm diameter/4 mm wall        |                                                                   |                                                                                                             |                      |
| 63 mm diameter/4.5 mm wall      |                                                                   |                                                                                                             |                      |
| 75 mm diameter/4.7 mm wall      |                                                                   |                                                                                                             |                      |

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**A.2.6 Pipe penetration seal with Sikacrete-630 Fire+**

|                                                                                                                                                                                                                                                                                                                                                                     |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <p><b>Penetration Seal:</b> 1000 mm (min.)* LI (Local Interrupted) or CI (Continuous Interrupted) insulated and non-insulated metallic and composite pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with Sikacrete-630 Fire+ to either surface of the floor or anywhere between. Maximum seal size as section 2. 4).</p> |                 |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                                                        |                 |
|                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Configuration 1                                                                                                                                                                                                                                                                                                                                                     | Configuration 2 |
|                                                                                                                                                                                                                                                                                                                                                                     |                 |
| <p><b>Key</b></p> <ul style="list-style-type: none"><li>1 Supporting construction</li><li>a1 Pipe / top edge of seal separation</li><li>a2 Pipe / side edge of seal separation</li><li>a3 Pipe / pipe separation</li></ul>                                                                                                                                          |                 |

**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.6.1 Single side penetration seal with pipes

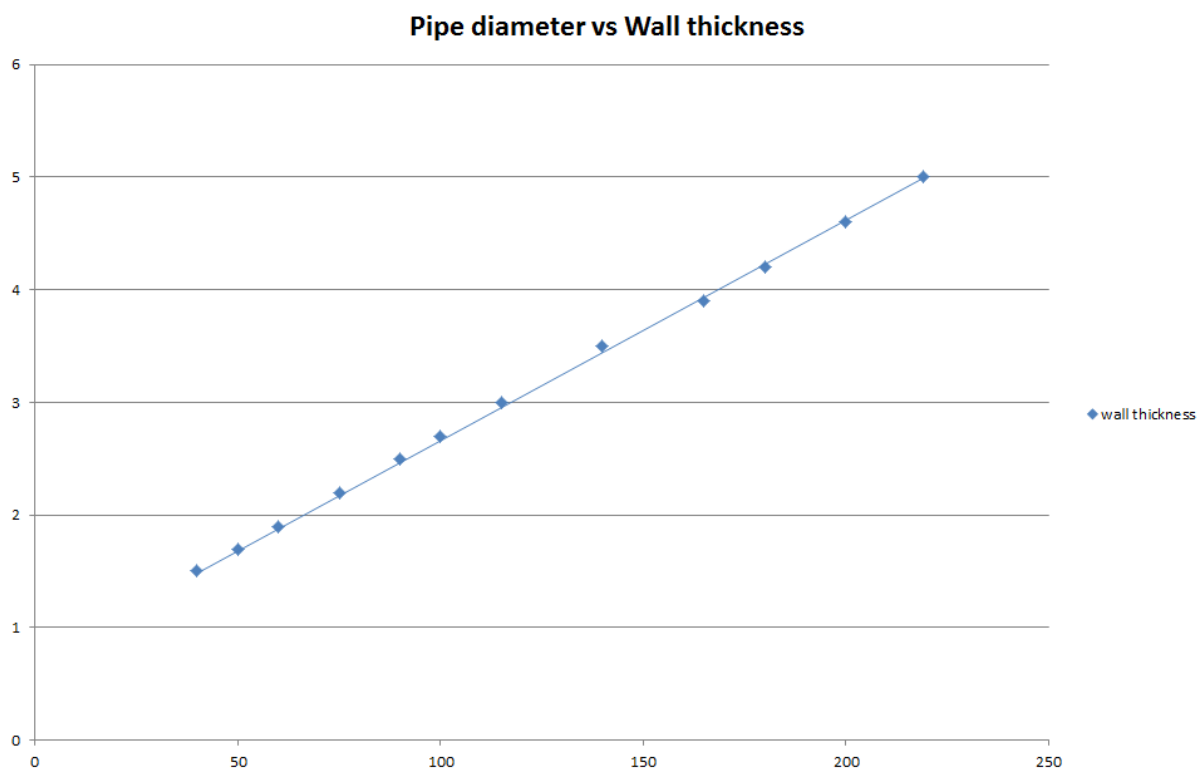
| Services                                                     | Minimum mortar depth and floor thickness | Insulation | Classification        |
|--------------------------------------------------------------|------------------------------------------|------------|-----------------------|
| Up to 16 mm diameter steel pipes 1.5-7 mm wall               | 100 mm                                   | None       | E 240 C/C, EI 120 C/C |
| Up to 63.5 mm diameter steel pipes 1.6-14.2 mm wall          | 150 mm                                   |            | E 180 C/U, EI 90 C/U  |
| Up to 12 mm diameter Copper and steel pipes 0.7-1.5 mm wall  | 120 mm                                   |            | E 240 C/C, EI 180 C/C |
| Up to 54 mm diameter Copper and steel pipes 1.5-14.2 mm wall | 100 mm                                   |            | E 120 C/C, EI 20 C/C  |
| 75 mm Alupex composite pipes with 4.6 mm wall                | 100 mm                                   | None       | E 240 U/C, EI 20 U/C  |

| Services                           | Minimum mortar depth and floor thickness | Insulation, minimum thickness and density        | Classification        |
|------------------------------------|------------------------------------------|--------------------------------------------------|-----------------------|
| Mild or stainless steel pipes      |                                          |                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall*   | 100 mm                                   | 20 mm Stone wool insulation 80 kg/m <sup>3</sup> | EI 240 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*   |                                          | 30 mm Stone wool insulation 80 kg/m <sup>3</sup> | E 240 C/U, EI 120 C/U |
| 50 mm diameter/1.7-14.2 mm wall*   |                                          |                                                  |                       |
| 60 mm diameter/1.8-14.2 mm wall*   |                                          |                                                  |                       |
| 75 mm diameter/2.1-14.2 mm wall*   |                                          |                                                  |                       |
| 90 mm diameter/2.3-14.2 mm wall*   |                                          |                                                  |                       |
| 100 mm diameter/2.5-14.2 mm wall*  |                                          |                                                  |                       |
| 115 mm diameter/2.8-14.2 mm wall*  |                                          |                                                  |                       |
| 140 mm diameter/3.2-14.2 mm wall*  |                                          |                                                  |                       |
| 165 mm diameter/ 3.6-14.2 mm wall* |                                          |                                                  |                       |
| 180 mm diameter/ 3.9-14.2 mm wall* |                                          |                                                  |                       |
| 200 mm diameter/ 4.2-14.2 mm wall* |                                          |                                                  |                       |
| 219 mm diameter/ 4.5-14.2 mm wall* |                                          |                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549



**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**124/189**

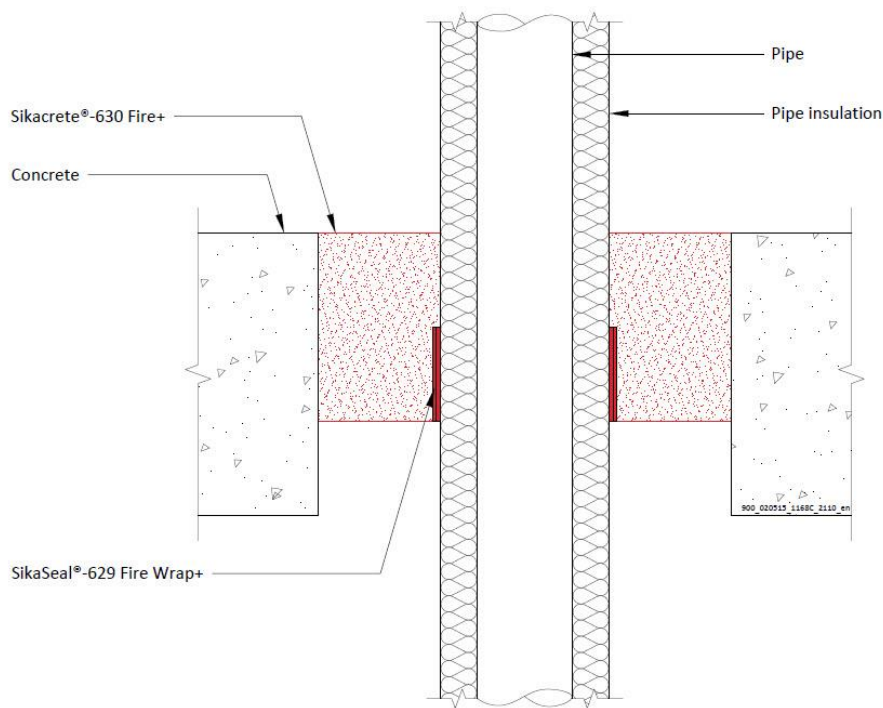
**BUILDING TRUST**



## A.2.7 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 100 mm Sikacrete-630 Fire+ to the top surface of the floor. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



### A.2.7.1 Single side penetration seal with pipes

| Services                          | Wrap                                                        | Insulation                                                                                       | Classification        |
|-----------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------|
| Mild or stainless steel pipes     |                                                             |                                                                                                  |                       |
| 40 mm diameter/1.5-14.2 mm wall   | 1 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, fitted at soffit | 13 mm Elastomeric insulation<br>minimum class B-s3,d0 or foil faced Phenolic Foam insulation     | EI 180 C/U            |
| 40 mm diameter/1.5-14.2 mm wall*  |                                                             | 13 -19 mm Elastomeric insulation<br>minimum class B-s3,d0 or foil faced Phenolic Foam insulation | E 180 C/U, EI 120 C/U |
| 50 mm diameter/1.6-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 60 mm diameter/1.7-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 75 mm diameter/1.9-14.2 mm wall*  |                                                             |                                                                                                  |                       |
| 90 mm diameter/2-14.2 mm wall*    |                                                             |                                                                                                  |                       |
| 100 mm diameter/2.1-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 115 mm diameter/2.3-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 140 mm diameter/2.6-14.2 mm wall* |                                                             |                                                                                                  |                       |
| 165 mm diameter/2.8-14.2 mm wall* |                                                             |                                                                                                  |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

#### Declaration of Performance

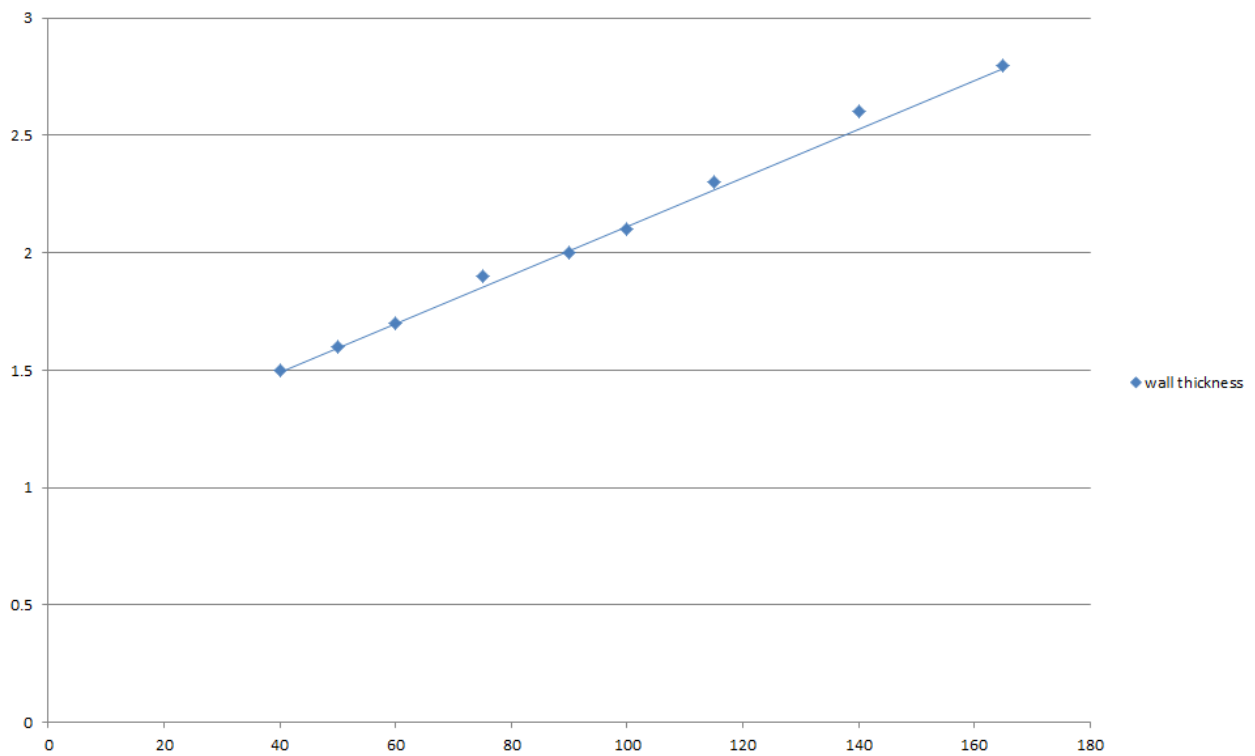
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

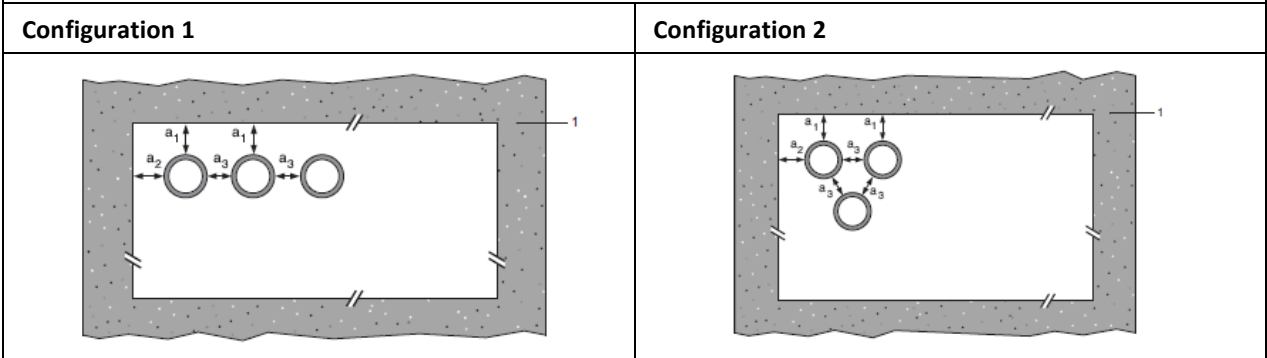
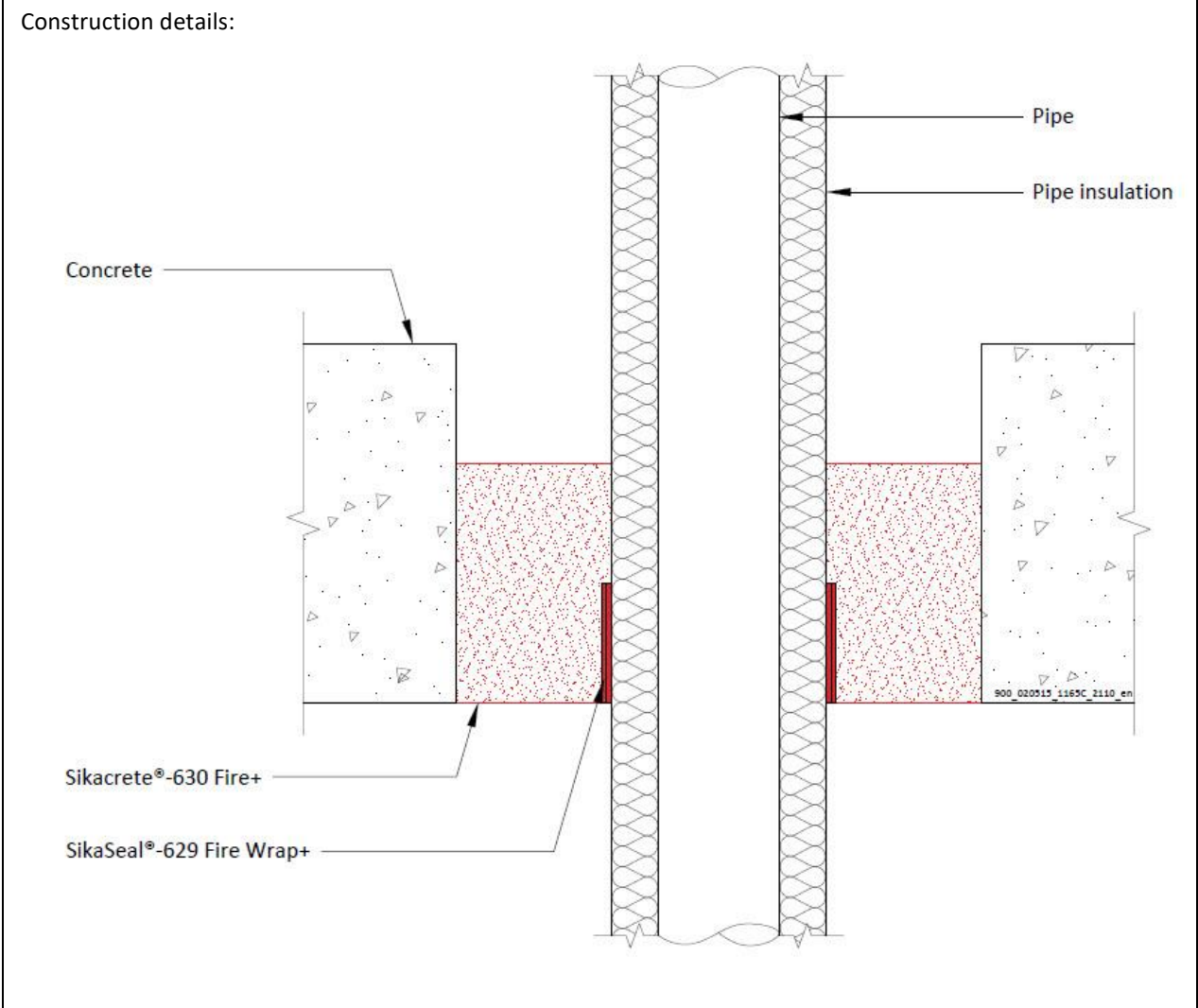
1549

Pipe diameter vs Wall thickness



**A.2.8 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+**

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes sealed with Protect FR wraps, fitted at any position within the aperture, with min. 100 mm Sikacrete-630 Fire+ Seal. Minimum separation between penetration seals and seal edges of 30 mm (Configuration 1 & 2). Maximum seal size as section 2. 4).



**Key**  
1 Supporting construction  
a1 Pipe / top edge of seal separation  
a2 Pipe / side edge of seal separation  
a3 Pipe / pipe separation

**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.8.1

| Mild or stainless steel pipes       | Insulation                                                                                        | SikaSeal-629<br>Fire Wrap+     | Classification          |
|-------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|
| 40 mm diameter/1-14.2 mm wall       | 25 mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation   | 50 x 3.6 mm<br>(2 x 1.8 layer) | EI 240 C/U              |
| 40 mm diameter/1-14.2 mm wall*      | 25mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation    |                                | E 240 C/U<br>EI 120 C/U |
| 50 mm diameter/1.2-14.2 mm wall*    |                                                                                                   |                                |                         |
| 60 mm diameter/1.4-14.2 mm wall*    |                                                                                                   |                                |                         |
| 75 mm diameter/1.6-14.2 mm wall*    |                                                                                                   |                                |                         |
| 90 mm diameter/1.9-14.2 mm wall*    |                                                                                                   |                                |                         |
| 100 mm diameter/2.1-14.2 mm wall*   |                                                                                                   |                                |                         |
| 115 mm diameter/2.4-14.2 mm wall*   |                                                                                                   |                                |                         |
| 140 mm diameter/2.9-14.2 mm wall*   |                                                                                                   |                                |                         |
| 165 mm diameter/ 3.4-14.2 mm wall*  |                                                                                                   |                                |                         |
| 180 mm diameter/ 3.6-14.2 mm wall*  |                                                                                                   |                                |                         |
| 200 mm diameter/ 4.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 219 mm diameter/ 4.3-14.2 mm wall*  |                                                                                                   |                                |                         |
| 250 mm diameter/ 5.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 300 mm diameter/ 5.9-14.2 mm wall*  |                                                                                                   |                                |                         |
| 324 mm diameter/ 6.35-14.2 mm wall* |                                                                                                   |                                |                         |
| 40 mm diameter/1-14.2 mm wall*      | 25-50mm thick Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation | 50 x 5.4 mm<br>(3 x 1.8 layer) | EI 120 C/U              |
| 50 mm diameter/1.2-14.2 mm wall*    |                                                                                                   |                                |                         |
| 60 mm diameter/1.4-14.2 mm wall*    |                                                                                                   |                                |                         |
| 75 mm diameter/1.6-14.2 mm wall*    |                                                                                                   |                                |                         |
| 90 mm diameter/1.9-14.2 mm wall*    |                                                                                                   |                                |                         |
| 100 mm diameter/2.1-14.2 mm wall*   |                                                                                                   |                                |                         |
| 115 mm diameter/2.4-14.2 mm wall*   |                                                                                                   |                                |                         |
| 140 mm diameter/2.9-14.2 mm wall*   |                                                                                                   |                                |                         |
| 165 mm diameter/ 3.4-14.2 mm wall*  |                                                                                                   |                                |                         |
| 180 mm diameter/ 3.6-14.2 mm wall*  |                                                                                                   |                                |                         |
| 200 mm diameter/ 4.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 219 mm diameter/ 4.3-14.2 mm wall*  |                                                                                                   |                                |                         |
| 250 mm diameter/ 5.0-14.2 mm wall*  |                                                                                                   |                                |                         |
| 300 mm diameter/ 5.9-14.2 mm wall*  |                                                                                                   |                                |                         |
| 324 mm diameter/ 6.35-14.2 mm wall* |                                                                                                   |                                |                         |

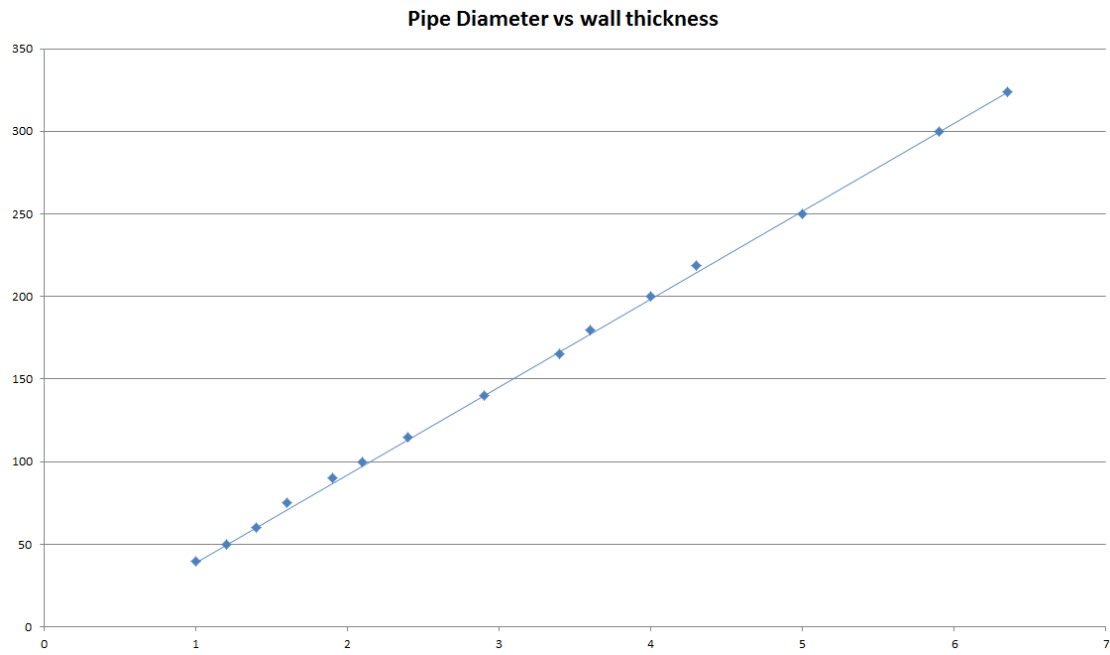
#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549



**Declaration of Performance**

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

**129/189**

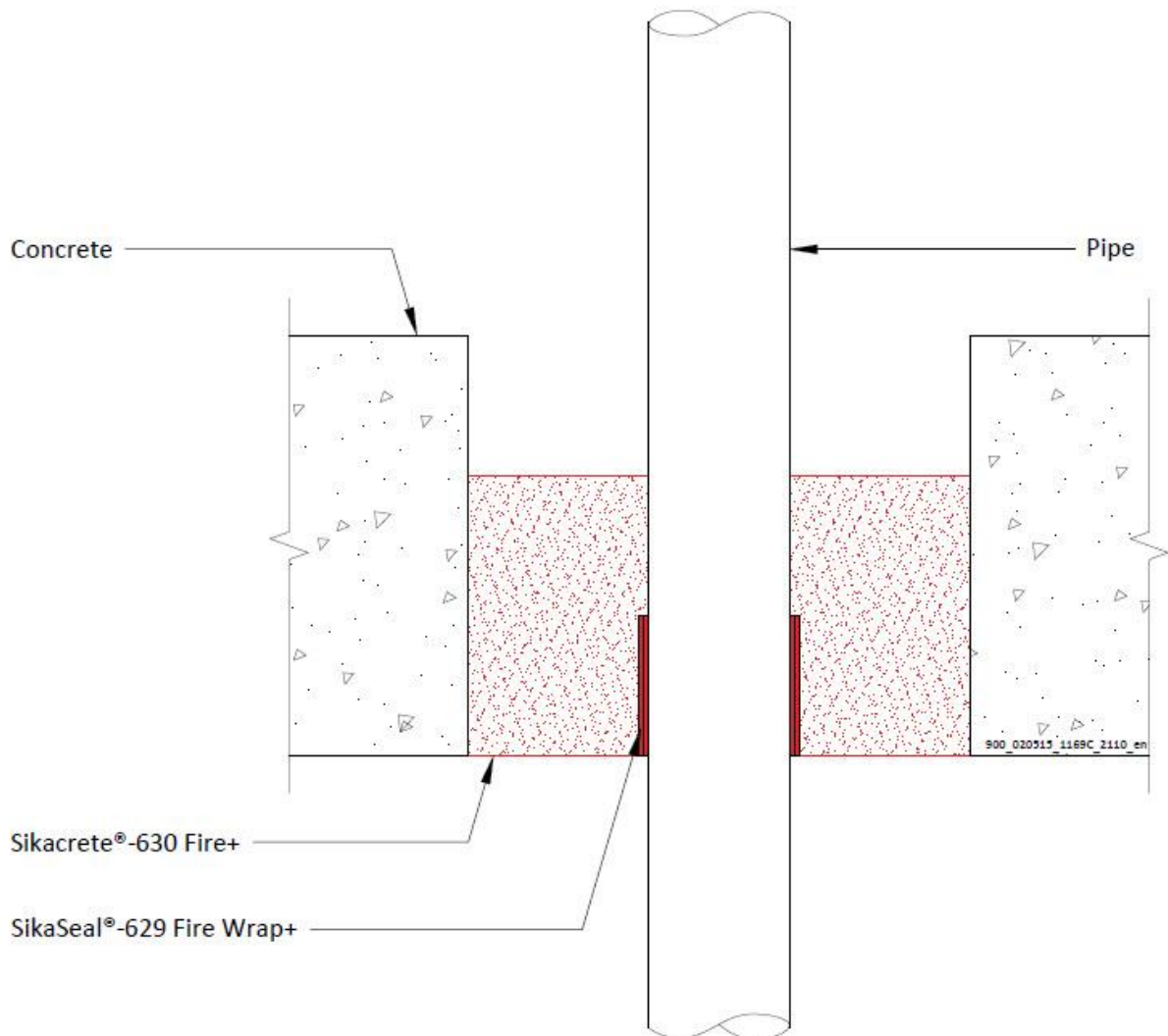
**BUILDING TRUST**



### A.2.10 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture, with min. 100 mm Sikacrete-630 Fire+ to the either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Minimum separation between penetration seals and seal edges of 30 mm (Configuration 1 & 2).

Construction details:



#### Declaration of Performance

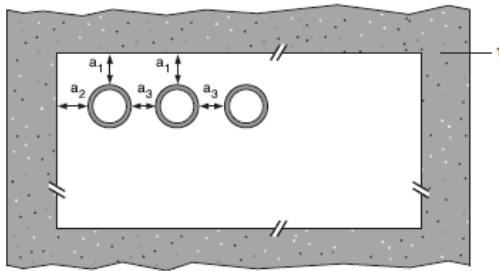
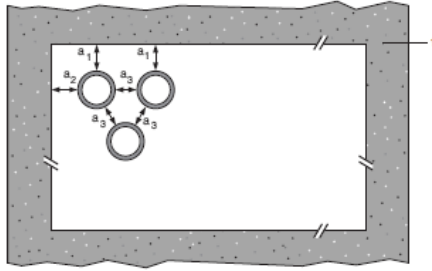
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

### A.2.10.1 Single side penetration seal with pipes

| Services                                                                                                                                                | Wrap         | Maximum aperture                                                                     | Classification        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------|-----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                                                               |              |                                                                                      |                       |
| Up to 40 mm diameter / 1.8-3.7 mm wall                                                                                                                  | 50 x 1.8 mm  | As section 2. 4)                                                                     | E 180 U/U, EI 120 U/U |
| Up to 110 mm diameter / 3.0-6.6 mm wall                                                                                                                 | 50 x 3.6 mm  |                                                                                      | EI 240 U/C            |
| Up to 125 mm diameter / 3.5-7.4 mm wall                                                                                                                 | 50 x 7.2 mm  |                                                                                      | EI 120 U/C            |
| Up to 160 mm diameter / 4.5 mm wall                                                                                                                     | 50 x 10.8 mm |                                                                                      | EI 240 C/C            |
| Up to 160 mm diameter / 4.5-9.5 mm wall                                                                                                                 | 50 x 10.8 mm |                                                                                      | EI 90 C/C             |
| Up to 110 mm diameter/ 2.7-6.6 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                          | 50 x 3.6 mm  |                                                                                      | EI 120 U/C            |
| PP pipes according to EN 1451-1                                                                                                                         |              |                                                                                      |                       |
| Up to 40 mm diameter /1.8-4.4 mm wall                                                                                                                   | None         | As section 2. 4)                                                                     | EI 120 U/C            |
| Up to 40 mm diameter /1.8-5.5 mm wall                                                                                                                   | 50 x 1.8 mm  |                                                                                      | EI 120 U/U            |
| Up to 50 mm diameter /2.5-5.5 mm wall                                                                                                                   | 50 x 3.6 mm  |                                                                                      | EI 240 C/C            |
| Up to 75 mm diameter /3.5-5.5 mm wall                                                                                                                   | 50 x 3.6 mm  |                                                                                      | EI 240 C/C            |
| Up to 110 mm diameter /2.7-6.3 mm wall                                                                                                                  | 50 x 3.6 mm  |                                                                                      | EI 240 U/C            |
| Up to 125 mm diameter /3.4-11.4 mm wall                                                                                                                 | 50 x 7.2 mm  |                                                                                      | EI 240 U/C            |
| Up to 160 mm diameter /4.9-14.6 mm wall                                                                                                                 | 50 x 10.8 mm |                                                                                      | EI 240 U/C            |
| Up to 110 mm diameter/ 3.4-6.3 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                          | 50 x 3.6 mm  |                                                                                      | EI 60 U/C             |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1               |              |                                                                                      |                       |
| Up to 40 mm diameter / 2.0-4.4 mm wall                                                                                                                  | None         | As section 2. 4)                                                                     | EI 120 U/C            |
| Up to 40 mm diameter / 2.4-3.7 mm wall                                                                                                                  | 50 x 1.8 mm  |                                                                                      | EI 240 U/U            |
| Up to 110 mm diameter / 3.4-10.0 mm wall                                                                                                                | 50 x 3.6 mm  |                                                                                      | EI 120 U/C            |
| Up to 125 mm diameter / 3.9-11.4 mm wall                                                                                                                | 50 x 7.2 mm  |                                                                                      | EI 240 U/C            |
| Up to 160 mm diameter / 4.9-14.6 mm wall                                                                                                                | 50 x 10.8 mm |                                                                                      | EI 120 U/C            |
| Up to 250 mm diameter / 7.8 mm wall                                                                                                                     | 75 x 12.6 mm |                                                                                      | EI 180 C/C            |
| Up to 110 mm diameter/ 2.7-10.0 mm wall, containing up to 90mm Ø bundle of up to 14 mm Ø cables                                                         | 50 x 3.6 mm  |                                                                                      | E 120 U/C, EI 60 U/C  |
| Configuration 1                                                                                                                                         |              | Configuration 2                                                                      |                       |
|                                                                      |              |  |                       |
| <b>Key</b><br>1 Supporting construction<br>a1 Pipe / top edge of seal separation<br>a2 Pipe / side edge of seal separation<br>a3 Pipe / pipe separation |              |                                                                                      |                       |

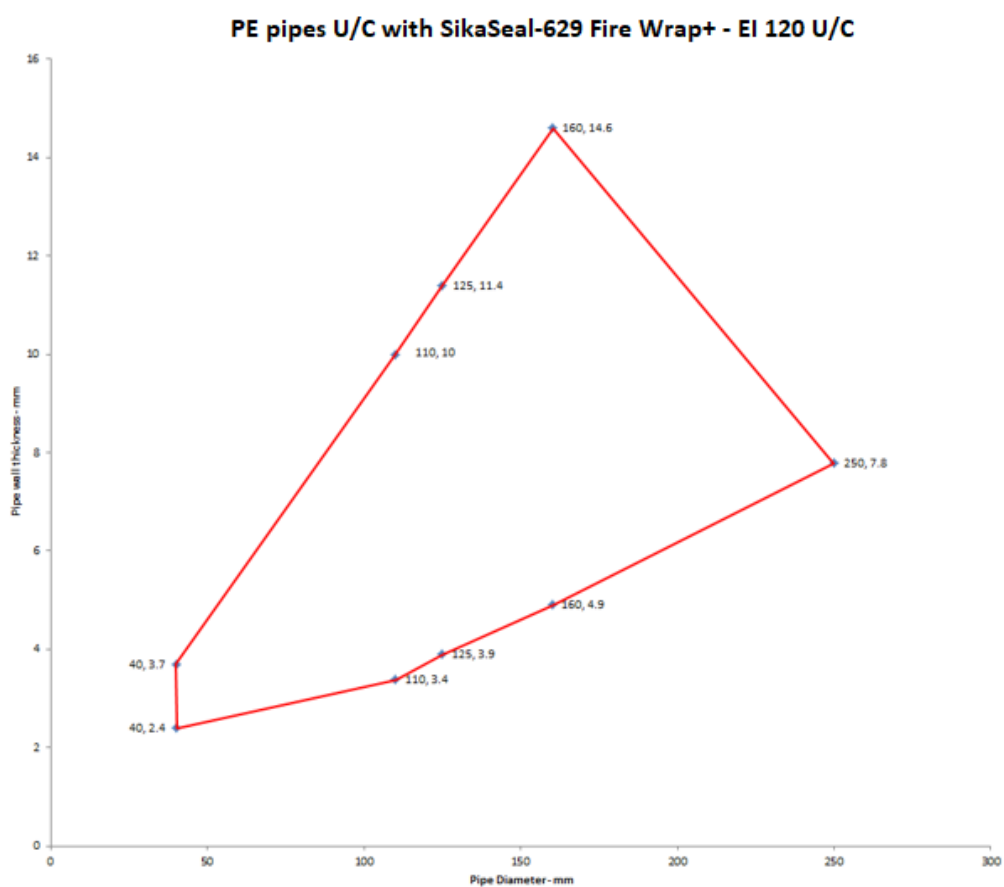
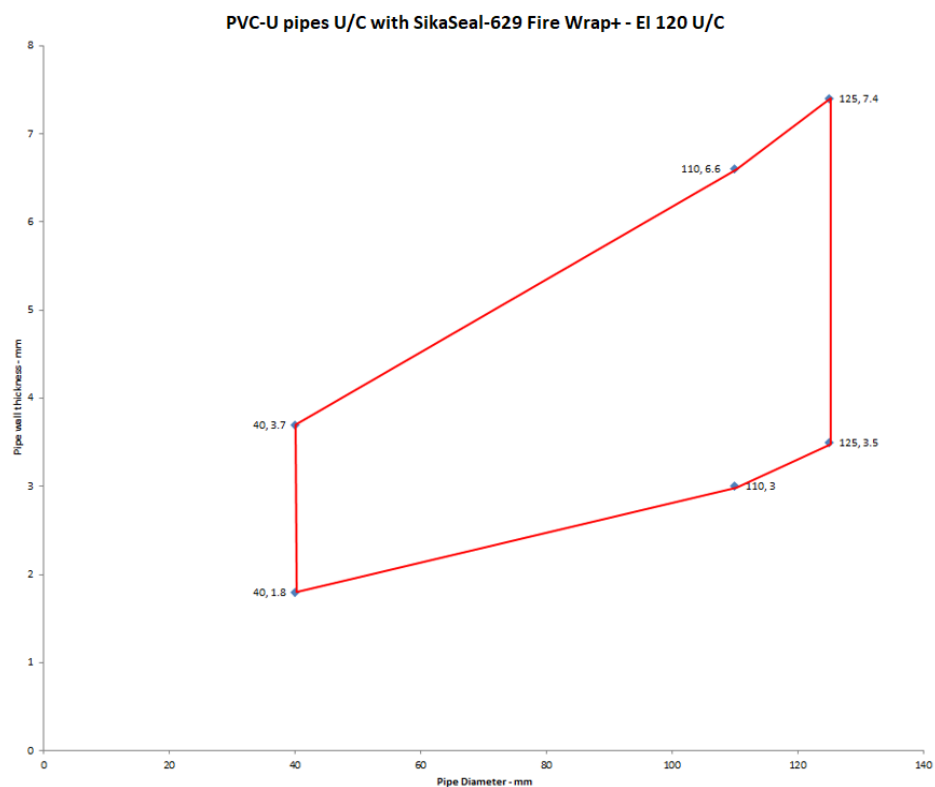
### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549



### Declaration of Performance

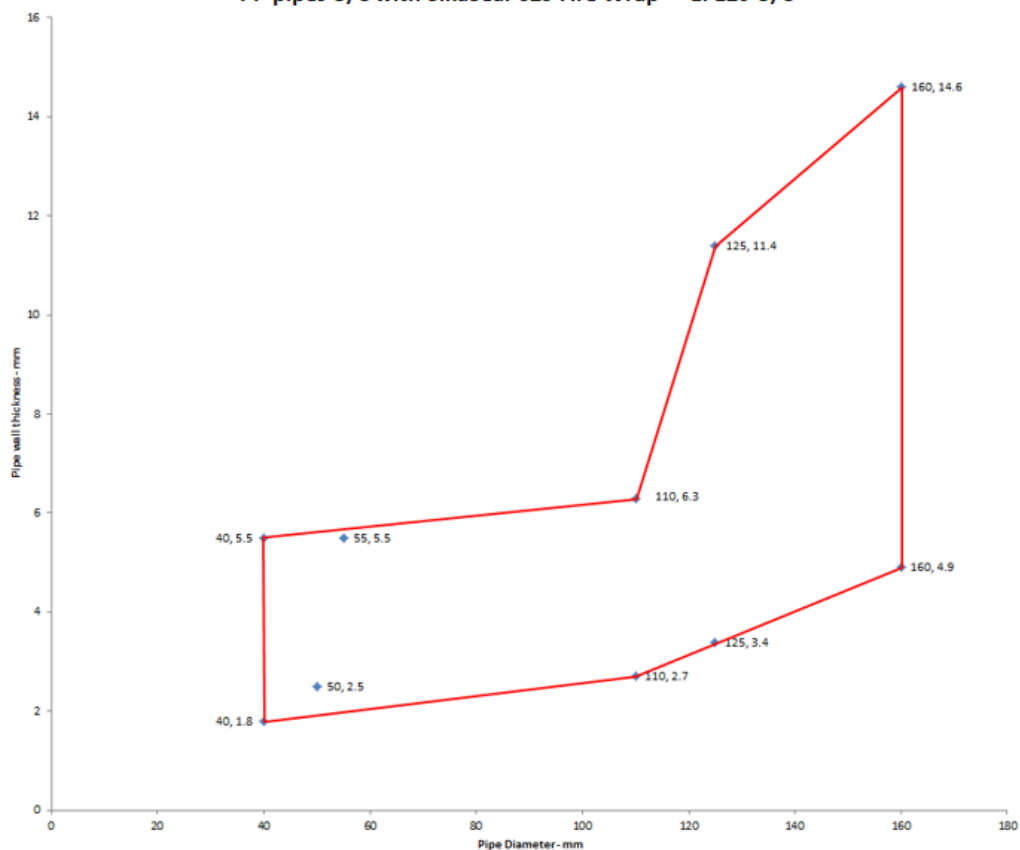
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

# PP pipes U/C with SikaSeal-629 Fire Wrap+ - EI 120 U/C



## Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

133/189

BUILDING TRUST



A.2.11 Pipe penetration seal with 100 mm deep Sikacrete-630 Fire+

|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <p><b>Penetration Seal:</b> Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with min. 100 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).</p> |                               |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                                                                            |                               |
|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                                                                                                                                                                           | <p><b>Configuration 2</b></p> |
|                                                                                                                                                                                                                                                                                                                                                                                         |                               |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                          |                               |

### A.2.11.1

| Services                                                                                                     | Wrap                          | Permitted configuration for seal separation | Classification        |
|--------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|-----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                    |                               |                                             |                       |
| 160 mm diameter / 9.5 mm wall                                                                                | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 90 U/C             |
| PEX pipe in pipe systems according to ISO 15875                                                              |                               |                                             |                       |
| Maximum 54 mm diameter/0.4 mm wall thickness (outer pipe), 28 mm diameter/4.0 mm wall thickness (inner pipe) | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 C/C            |
| Rehau Raupiano Plus PP-DD according to DIN 4102                                                              |                               |                                             |                       |
| 40-50 mm diameter/1.8-2.7 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/2.7 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |
| 125 mm diameter/3.1 mm wall thickness                                                                        | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | E 240 U/C, EI 120 U/C |
| 160 mm diameter/3.9 mm wall thickness                                                                        | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 120 U/C            |
| Polo-Kal NG Poloplast PP-MV according to DIN 4102                                                            |                               |                                             |                       |
| 32-110 mm diameter/3.4 mm wall thickness                                                                     | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 180 U/C            |
| 125 mm diameter/3.9 mm wall thickness                                                                        | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | EI 240 U/C            |
| 160 mm diameter/4.3 mm wall thickness                                                                        | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 240 U/C            |
| Aquatherm Green SDR9 MF PP-RP according to ISO 21003                                                         |                               |                                             |                       |
| 32 mm diameter/3.6 mm wall thickness                                                                         | 50 x 1.8 mm (1 x 1.8 layer)   | 1 & 2                                       | EI 240 C/C            |
| 40-50 mm diameter/5.6-12.3 mm wall thickness*                                                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 C/C            |
| 63-110 mm diameter/12.3 mm wall thickness*                                                                   | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 C/C            |
| Wavin SiTech + PP-M B according to EN 13501-1                                                                |                               |                                             |                       |
| 32-50 mm diameter/1.8-3.4 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/3.4 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |
| Gilbert Silent PP according to DIN 4102                                                                      |                               |                                             |                       |
| 32-50 mm diameter/1.8-3.4 mm wall thickness*                                                                 | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U            |
| 75-110 mm diameter/3.4 mm wall thickness*                                                                    | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C            |

\* Typical pipe diameters shown, see below graph for intermediate sizes

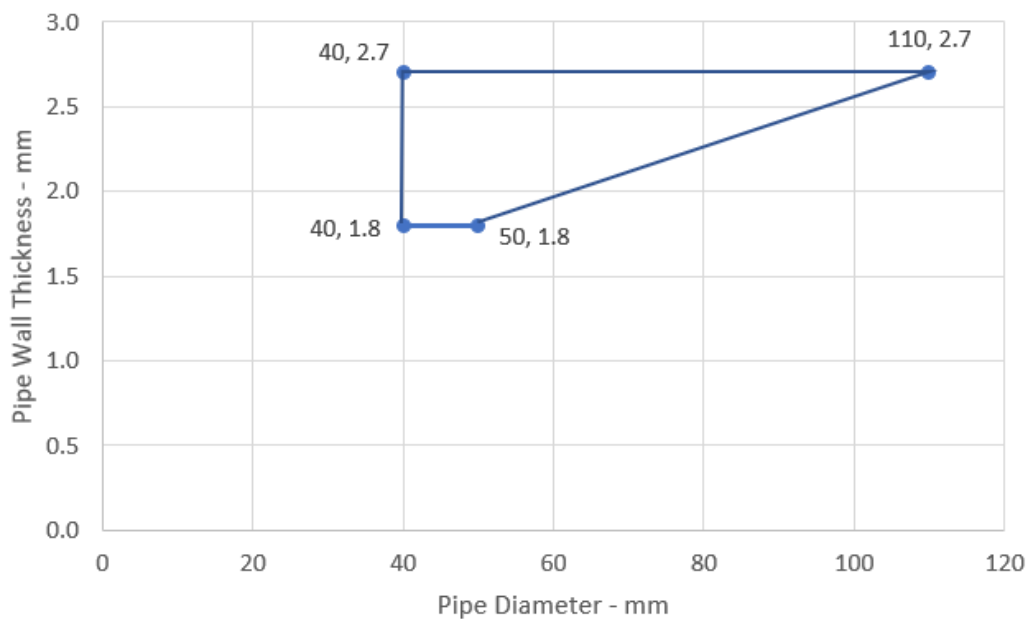
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                                          | Wrap                          | Permitted configuration for seal separation | Classification |
|---------------------------------------------------|-------------------------------|---------------------------------------------|----------------|
| BluePower Multilayer pipes according to EN 1451-1 |                               |                                             |                |
| 32-50 mm diameter*                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 240 U/U     |
| 75-110 mm diameter*                               | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |
| 125 mm diameter/3.9 mm wall thickness*            | 50 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |
| 160 mm diameter/4.9 mm wall thickness*            | 50 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | EI 240 U/C     |
| Uponor Decibel pipes according to EN 14366        |                               |                                             |                |
| 32-50 mm diameter*                                | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/U     |
| 75-110 mm diameter*                               | 50 x 3.6 mm (2 x 1.8 layers)  | 1 & 2                                       | EI 120 U/C     |

\* Typical pipe diameters shown, see below graph for intermediate sizes

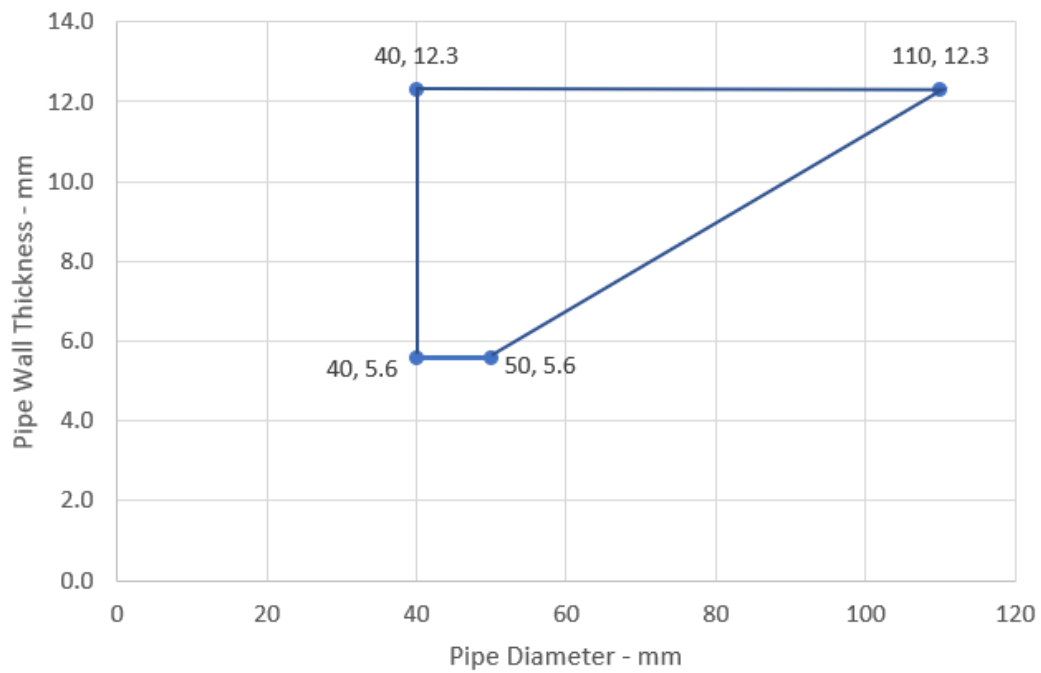
### Rehau Raupiano Plus -EI 120 U/U



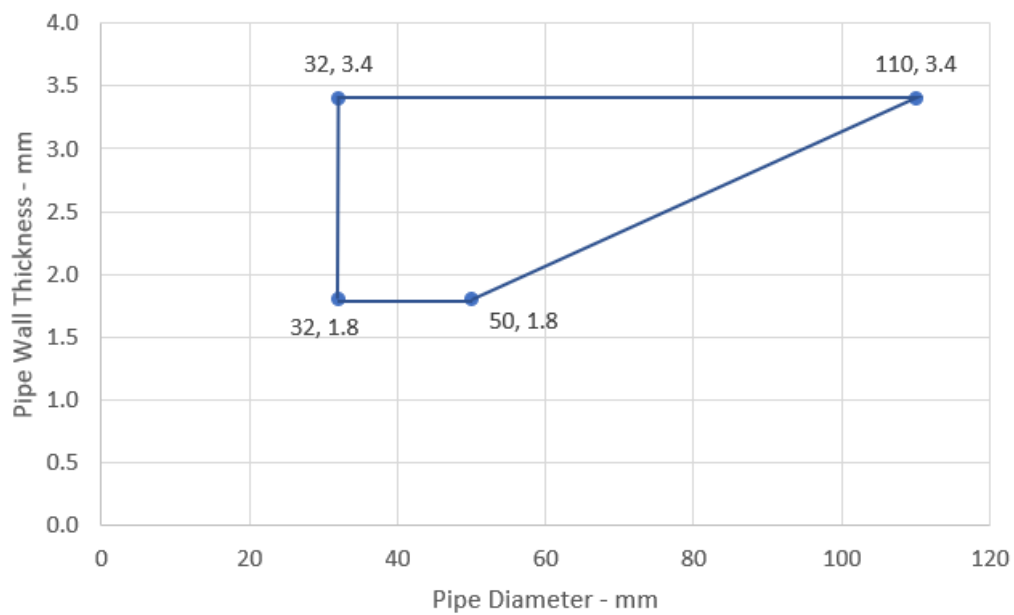
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Aquatherm Green - EI 240 C/C



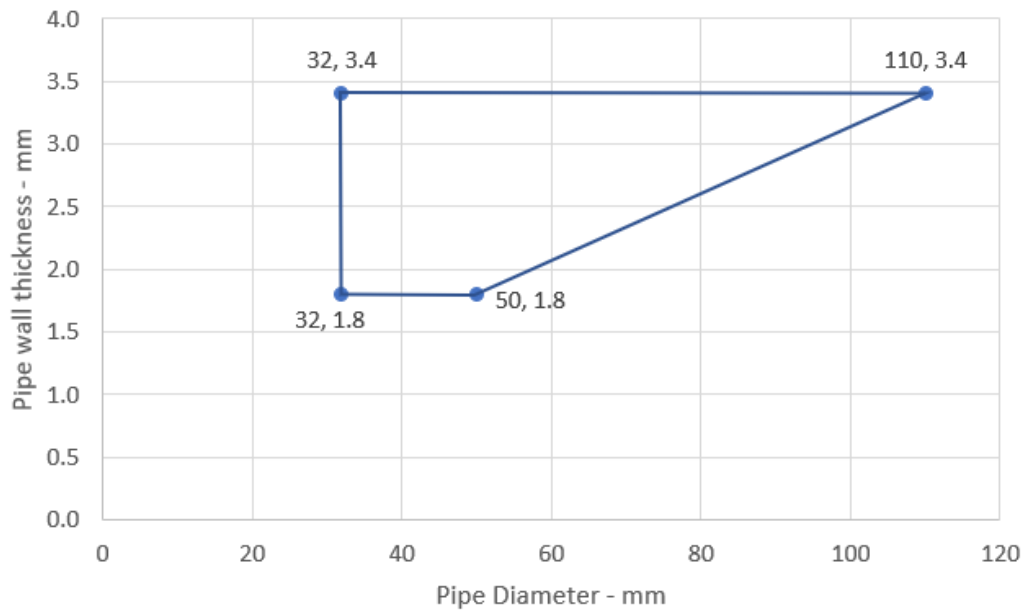
### Wavin SiTech Pipes - EI 120 U/C



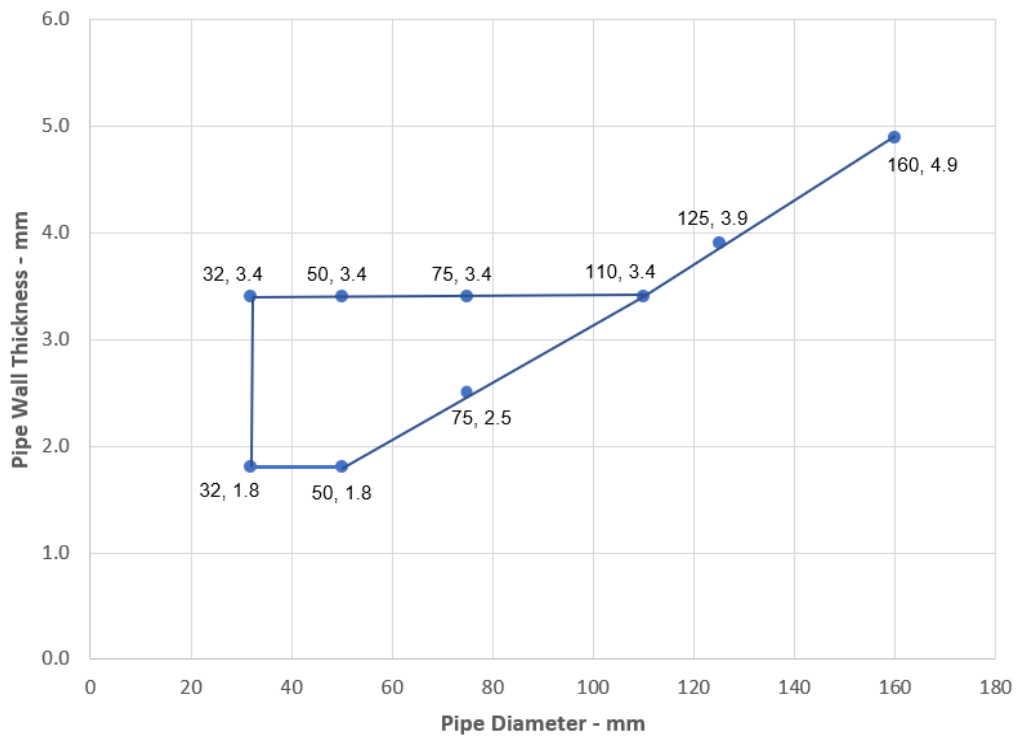
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Gilbert Silent PP - EI 120 U/C



### BluePower Pipes 32-110 / 50 mm Wrap - U/C



#### Declaration of Performance

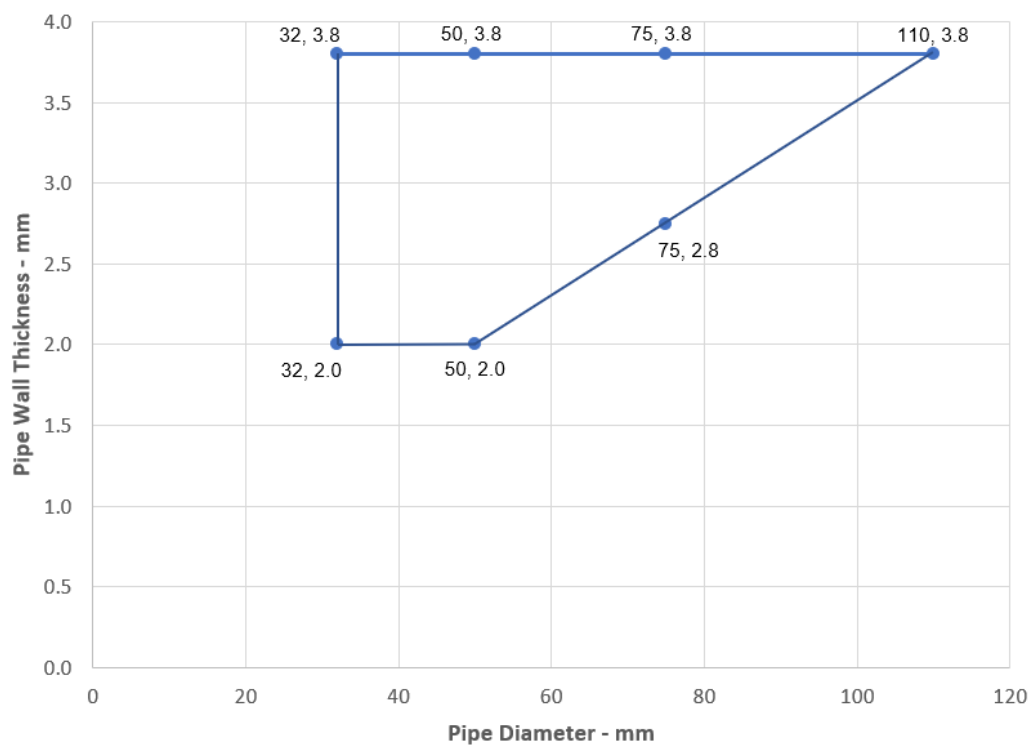
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

## Uponor Decibel Pipes 32-110 / 50 mm Wrap - U/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

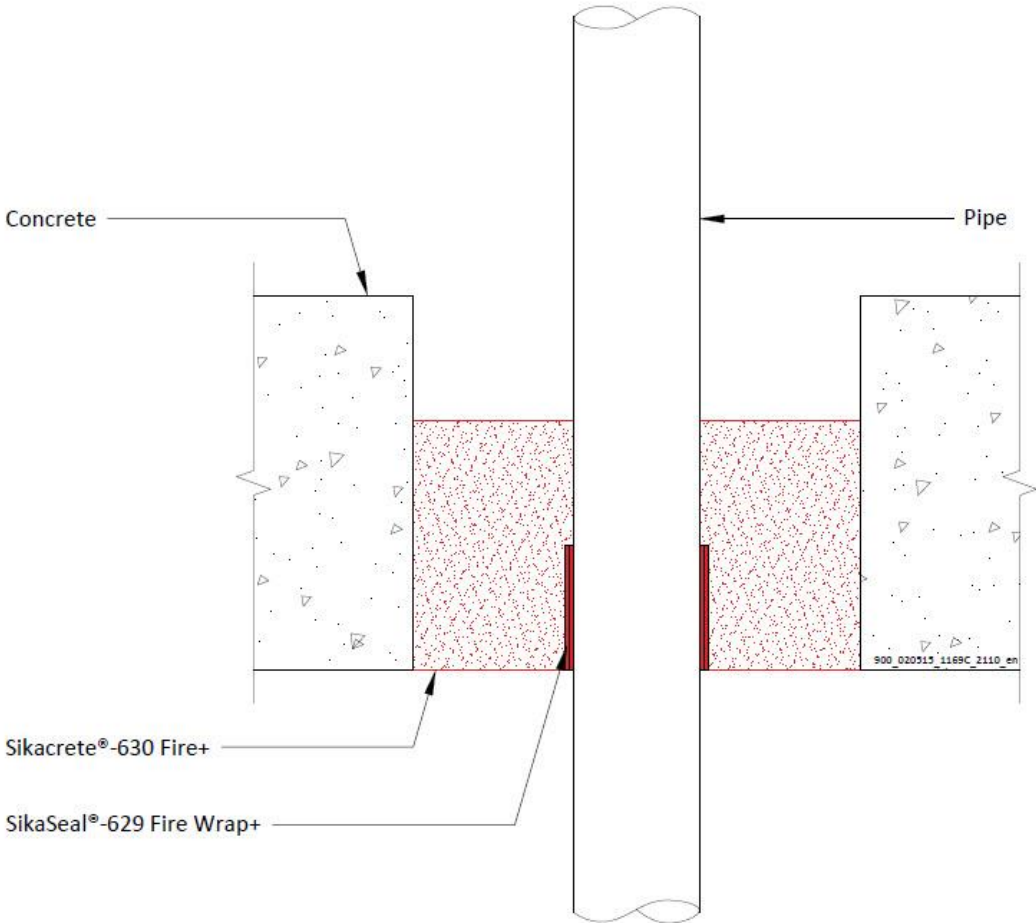
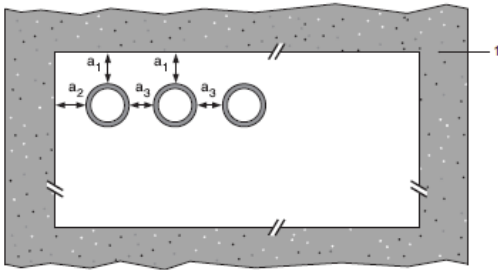
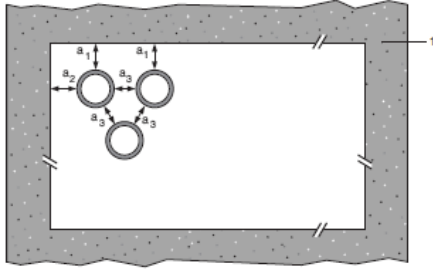
1549

139/189

**BUILDING TRUST**



A.2.12 Pipe penetration seal with Sikacrete-630 Fire+

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).</p> <p>Construction details:</p>  |                                                                                                                    |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                                                                                                                                                                                             | <p><b>Configuration 2</b></p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                                                                                                                               |                                                                                                                    |

**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.2.12.1

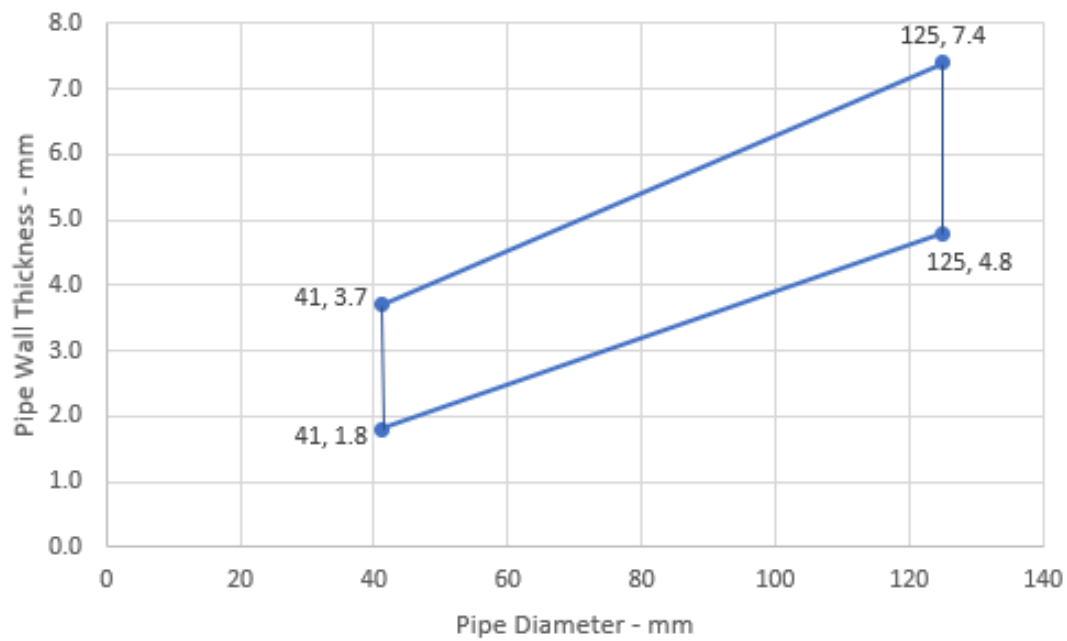
| Services                                                                                         | Wrap                           | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification            |
|--------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|---------------------------|
| <b>PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1</b> |                                |                                             |                                       |                           |
| Diameter 41 mm, wall thickness 1.8-3.7 mm to diameter 125 mm, wall thickness 4.8-7.4 mm*         | 50 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | EI 60 U/U                 |
| 125 mm diameter / 7.4 mm wall                                                                    | 50 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | EI 120 U/U                |
| Diameter 126 mm, wall thickness 4.8-7.4 mm to diameter 160 mm, wall thickness 9.5 mm*            | 75 x 10.8 mm (6 x 1.8 layers)  | 1                                           | 150 mm                                | E 120 U/U,<br>EI 30 U/U   |
| 160 mm diameter / 9.5 mm wall                                                                    | 75 x 7.2 mm (4 x 1.8 layers)   | 1                                           | 150 mm                                | E 120 U/U,<br>EI 30 U/U   |
| 160 mm diameter / 4.5-9.5 mm wall thickness                                                      | 50 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 120 U/C,<br>EI 120 C/C |
| Diameter 161 mm, wall thickness 4.5-9.5 mm to diameter 200 mm, wall thickness 4.9-11.9 mm*       | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 120 C/C                |
| 200 mm diameter / 4.9-11.9 mm wall thickness                                                     | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | EI 240 C/C                |
| Diameter 201 mm, wall thickness 4.9-11.9 mm to diameter 315 mm, wall thickness 7.7 mm*           | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 120 C/C                |
| 315 mm diameter / 7.7 mm wall thickness                                                          | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 120 C/C                |
| Diameter 161 mm, wall thickness 4.5-9.5 mm to diameter 315 mm, wall thickness 7.7-12.1 mm*       | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 90 C/C                 |
| 315 mm diameter / 12.1 mm wall thickness                                                         | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 120 mm                                | EI 90 C/C                 |
| Diameter 315 mm, wall thickness 7.7-12.1 mm to diameter 400 mm, wall thickness 15.3 mm*          | 75 x 28.8 mm (16 x 1.8 layers) | 1                                           | 120 mm                                | EI 60 C/C                 |
| 400mm diameter / 15.3 mm wall thickness                                                          | 75 x 28.8 mm (16 x 1.8 layers) | 1 & 2                                       | 120 mm                                | EI 60 C/C                 |

\* Typical pipe diameters shown, see below graph for intermediate sizes

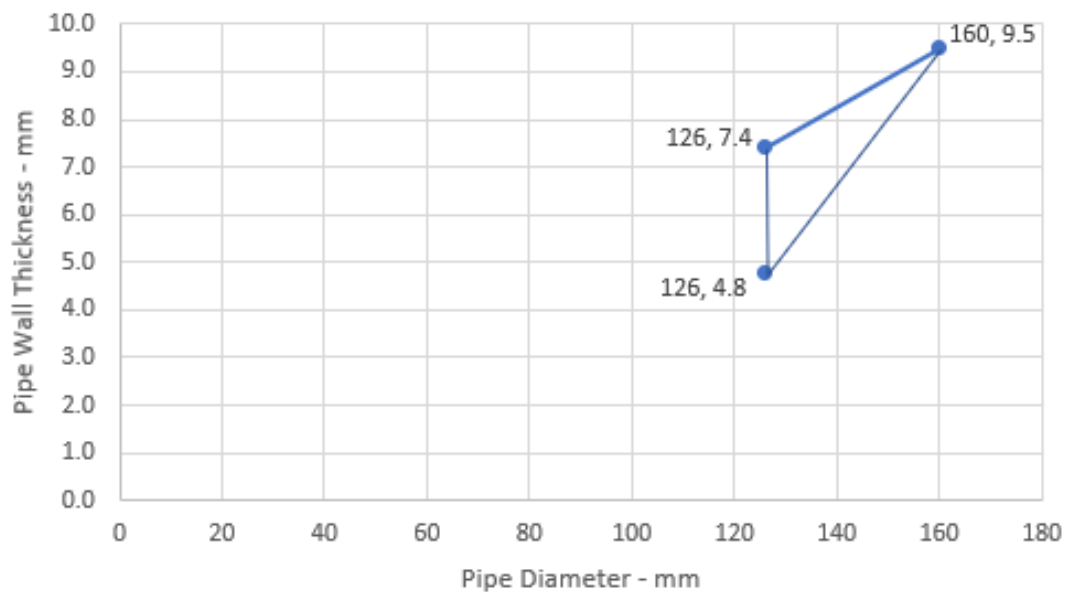
### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PVC-U Pipes 41-125 mm Diameter - EI 60 U/U



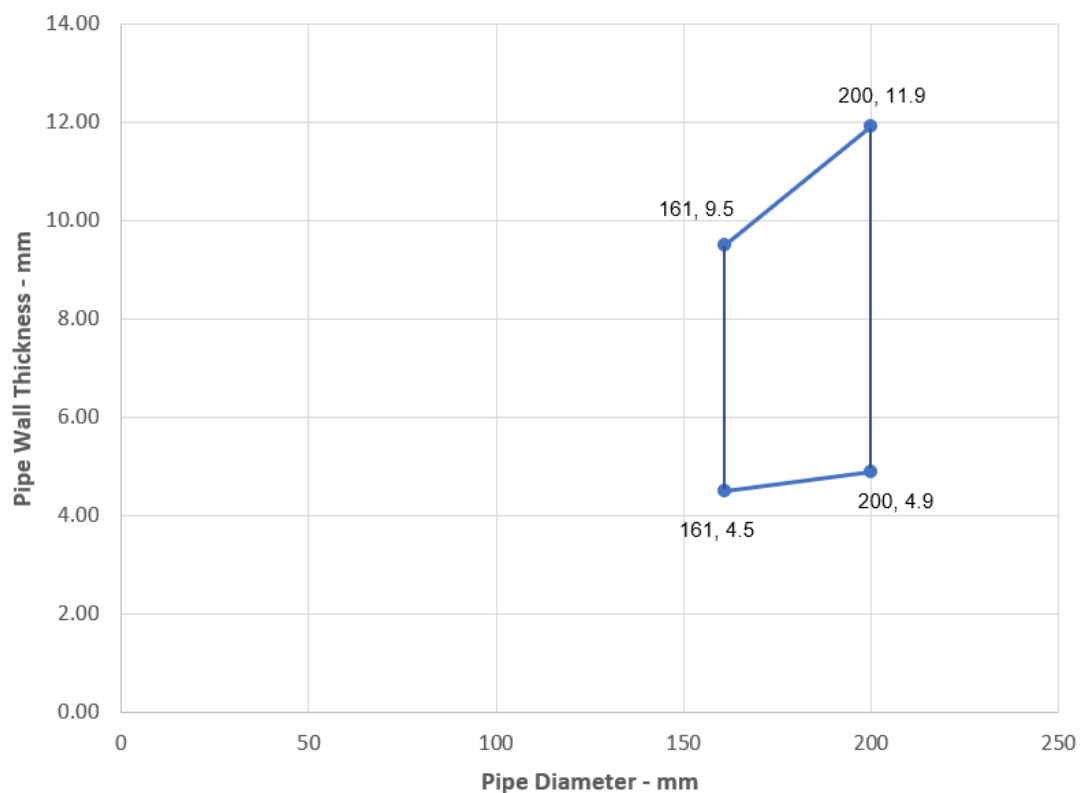
### PVC-U Pipes 126-160 mm Diameter - E 120 U/U, EI 30 U/U



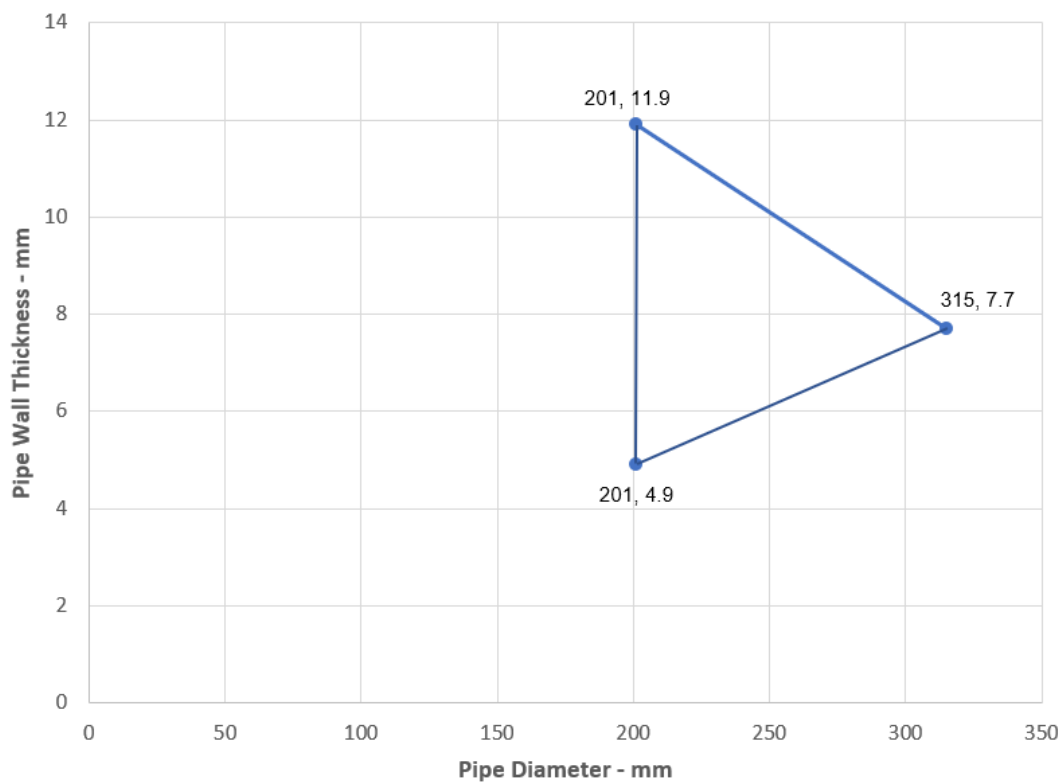
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PVC Pipes 161-200 mm Diameter - EI 120 - C/C



### PVC Pipes 201-315 mm Diameter - EI 120 - C/C



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

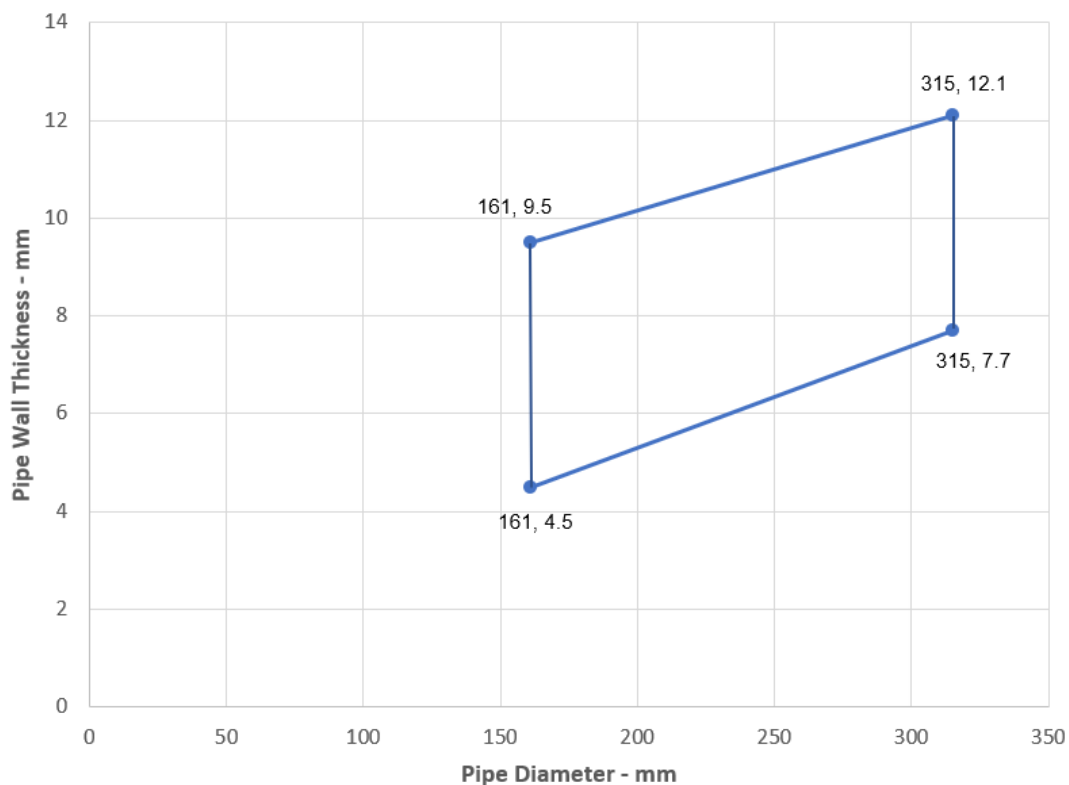
1549

143/189

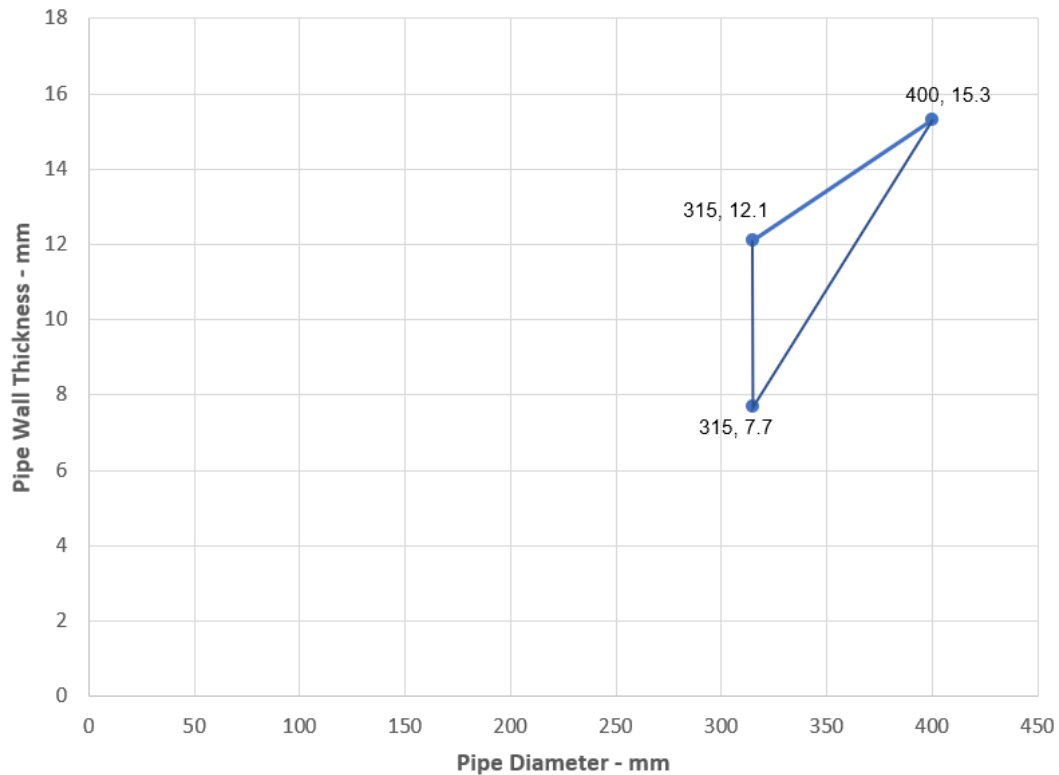
**BUILDING TRUST**



### PVC Pipes 161-315 mm Diameter - EI 90 - C/C



### PVC Pipes 315-400 mm Diameter - EI 60 - C/C



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

144/189

**BUILDING TRUST**



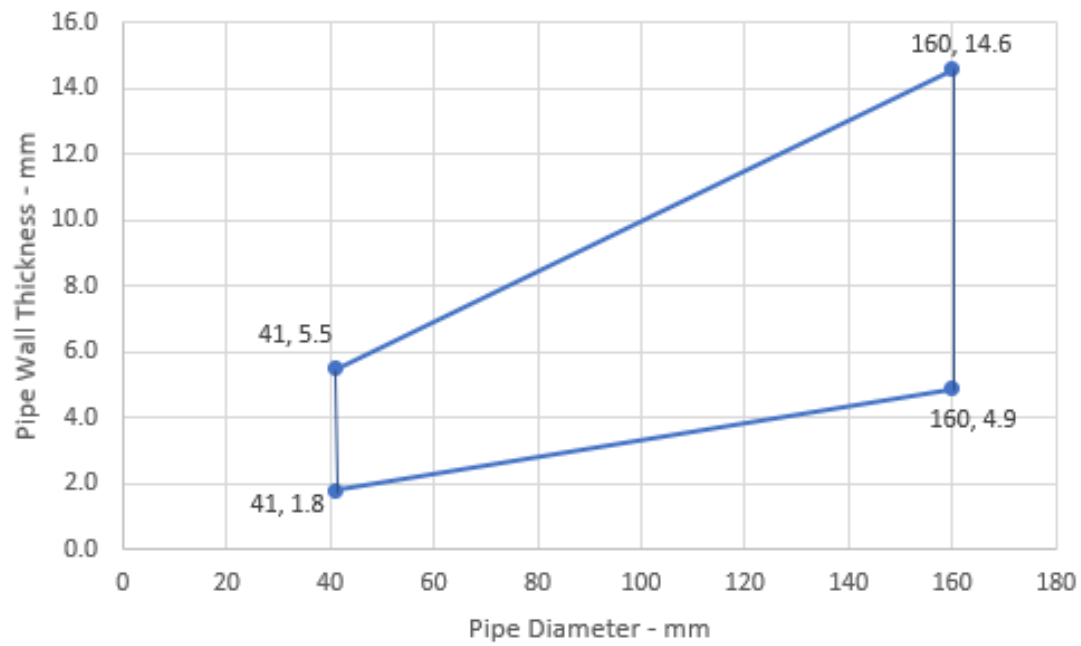
| Services                                                                                    | Wrap                           | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification    |
|---------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|-------------------|
| <b>PP pipes according to EN 1451-1</b>                                                      |                                |                                             |                                       |                   |
| Diameter 41 mm, wall thickness 1.8-5.5 mm to diameter 160 mm, wall thickness 4.9-14.6 mm*   | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 150 mm                                | <b>EI 120 U/C</b> |
| 160 mm diameter / 14.6 mm wall                                                              | 75 x 7.2 mm (4 x 1.8 layers)   | 1 & 2                                       | 150 mm                                | <b>EI 240 U/U</b> |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 200 mm, wall thickness 4.9-18.2 mm* | 75 x 10.8 mm (6 x 1.8 layers)  | 1 & 2                                       | 120 mm                                | <b>EI 240 C/C</b> |
| Diameter 201 mm, wall thickness 4.9-18.2 mm to diameter 315 mm, wall thickness 7.7 mm*      | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 180 C/C</b> |
| Diameter 201 mm, wall thickness 4.9-18.2 mm to diameter 315 mm, wall thickness 7.7-28.6 mm* | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 60 C/C</b>  |
| 315 mm diameter / 7.7 mm wall                                                               | 75 x 18 mm (10 x 1.8 layers)   | N/A                                         | 150 mm                                | <b>EI 180 C/C</b> |
| 315 mm diameter / 7.7-28.6 mm wall                                                          | 75 x 18 mm (10 x 1.8 layers)   | 1                                           | 150 mm                                | <b>EI 60 C/C</b>  |
| Diameter 315 mm, wall thickness 7.7-28.6 mm to diameter 400 mm, wall thickness 22.7 mm*     | 75 x 28.8 mm (16 x 1.8 layers) | 1                                           | 150 mm                                | <b>EI 60 C/C</b>  |
| 400mm diameter / 22.7 mm wall thickness                                                     | 75 x 28.8 mm (16 x 1.8 layers) | 1 & 2                                       | 150 mm                                | <b>EI 60 C/C</b>  |

\* Typical pipe diameters shown, see below graph for intermediate sizes

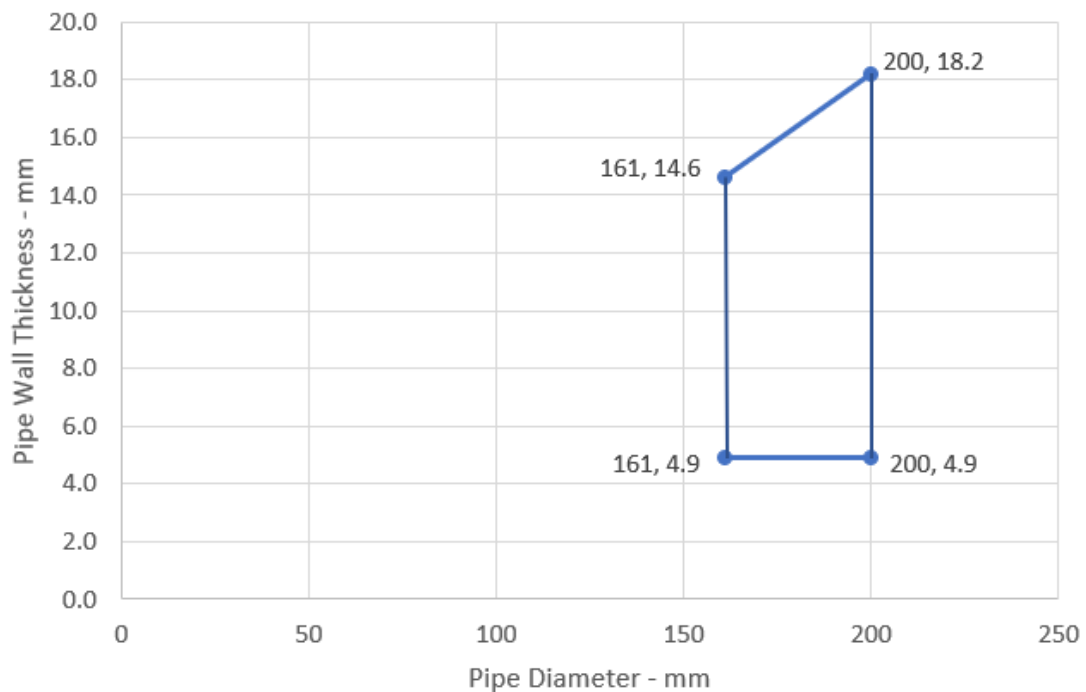
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PP Pipes 41-160 mm Diameter - EI 120 U/C



### PP Pipes - EI 240 C/C



#### Declaration of Performance

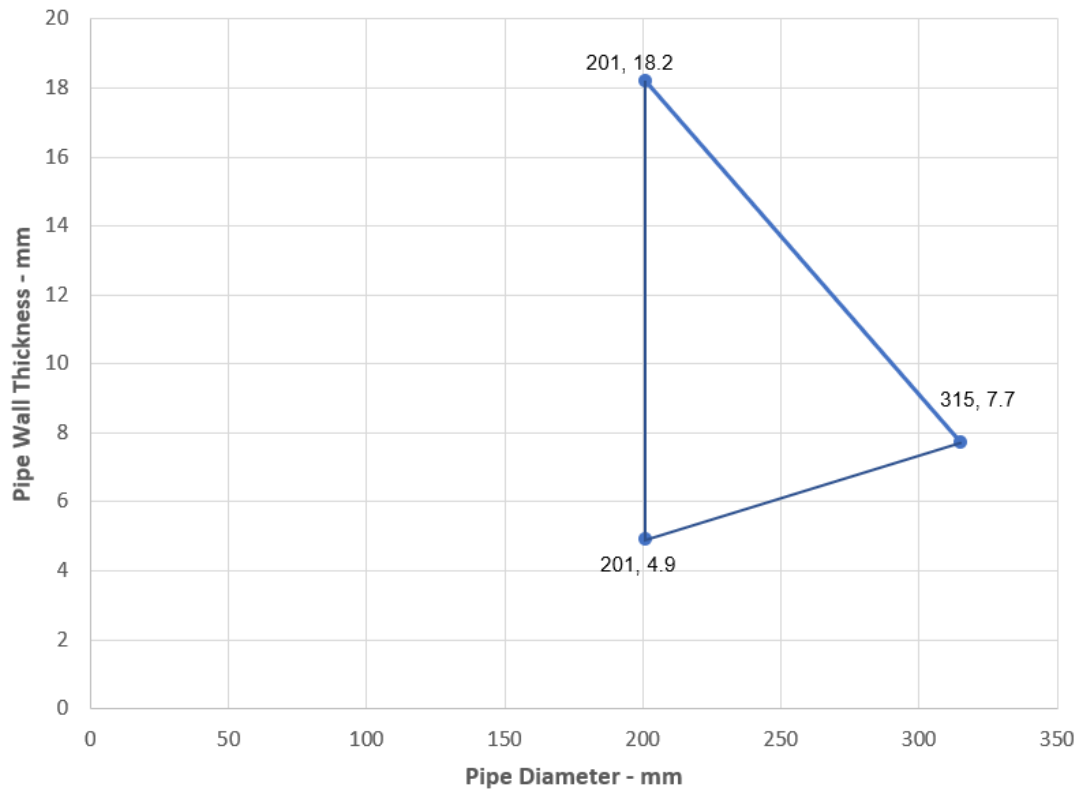
Sikacrete-630 Fire+

20537727

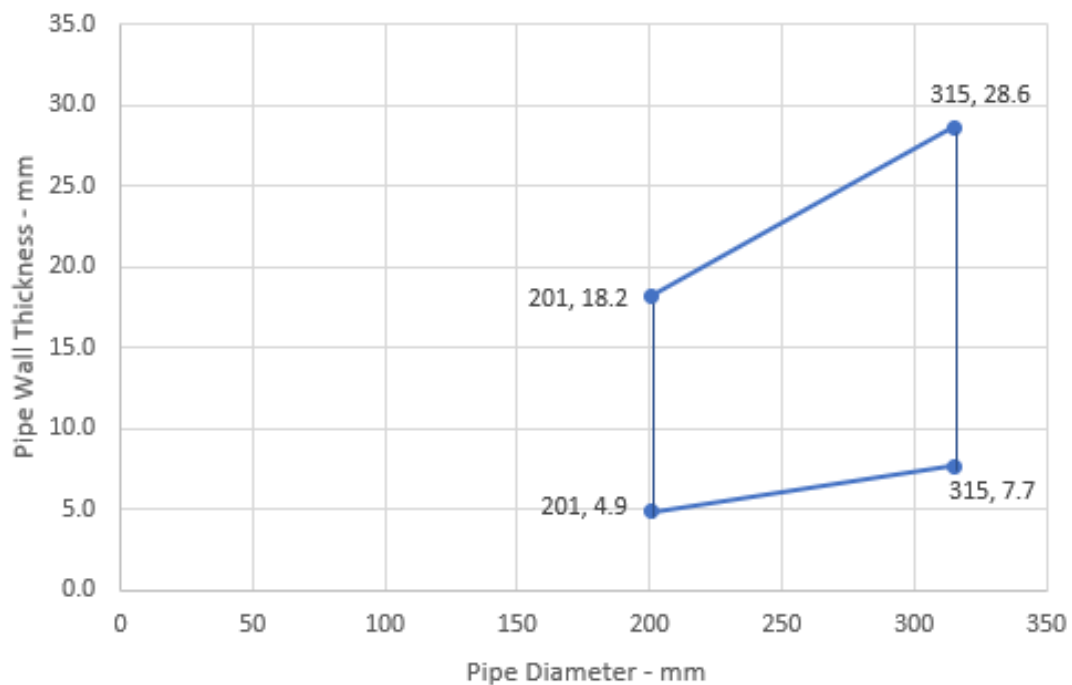
2025.01, ver. 1

1549

### PP Pipes 201-315 mm Diameter - EI 180 - C/C



### PP Pipes - EI 60 C/C



#### Declaration of Performance

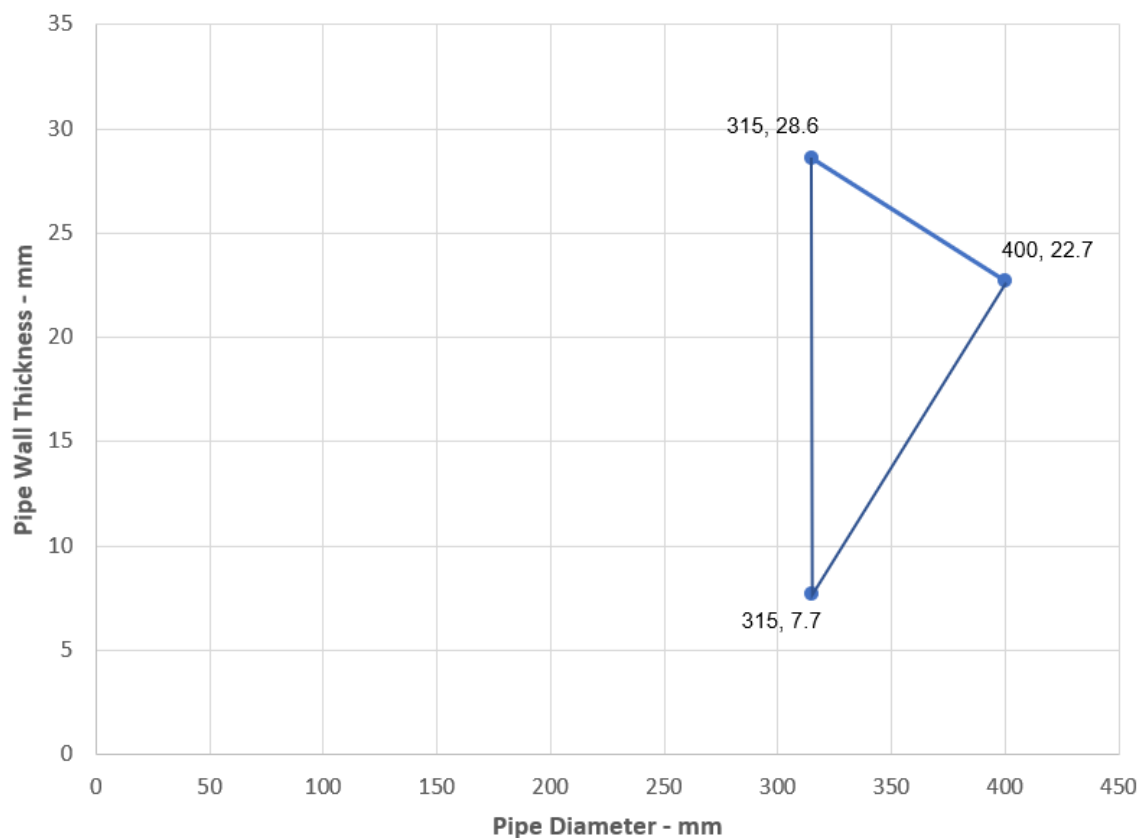
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

## PP Pipes 315-400 mm Diameter - EI 60 - C/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

148/189

**BUILDING TRUST**



| Services                                                                                                                                         | Wrap                          | Permitted configuration for seal separation | Min. mortar depth and floor thickness | Classification               |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|---------------------------------------|------------------------------|
| <b>PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1</b> |                               |                                             |                                       |                              |
| Diameter 126 mm, wall thickness 3.9-11.4 mm to diameter 160 mm, wall thickness 14.6*                                                             | 75 x 18 mm (10 x 1.8 layers)  | N/A                                         | 150 mm                                | <b>E 240 U/U, EI 120 U/U</b> |
| 160 mm diameter / 14.6 mm wall                                                                                                                   | 75 x 7.2 mm (4 x 1.8 layers)  | 1 & 2                                       | 150 mm                                | <b>E 240 U/U, EI 120 U/U</b> |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 200 mm, wall thickness 6.2-18.2 mm*                                                      | 75 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | 150 mm                                | <b>EI 120 C/C</b>            |
| 200 mm diameter / 6.2-18.2 mm wall thickness                                                                                                     | 75 x 10.8 mm (6 x 1.8 layers) | 1 & 2                                       | 120 mm                                | <b>EI 240 C/C</b>            |
| Diameter 161 mm, wall thickness 4.9-14.6 mm to diameter 315 mm, wall thickness 9.7-18.7 mm*                                                      | 75 x 18 mm (10 x 1.8 layers)  | N/A                                         | 150 mm                                | <b>EI 60 C/C</b>             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

#### Declaration of Performance

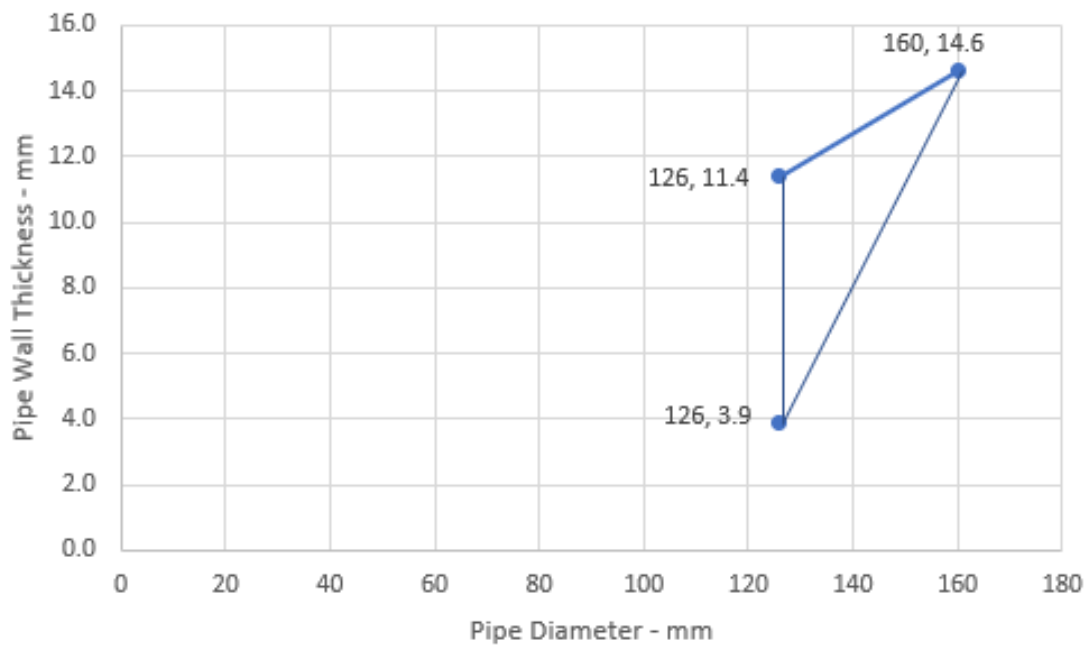
Sikacrete-630 Fire+

20537727

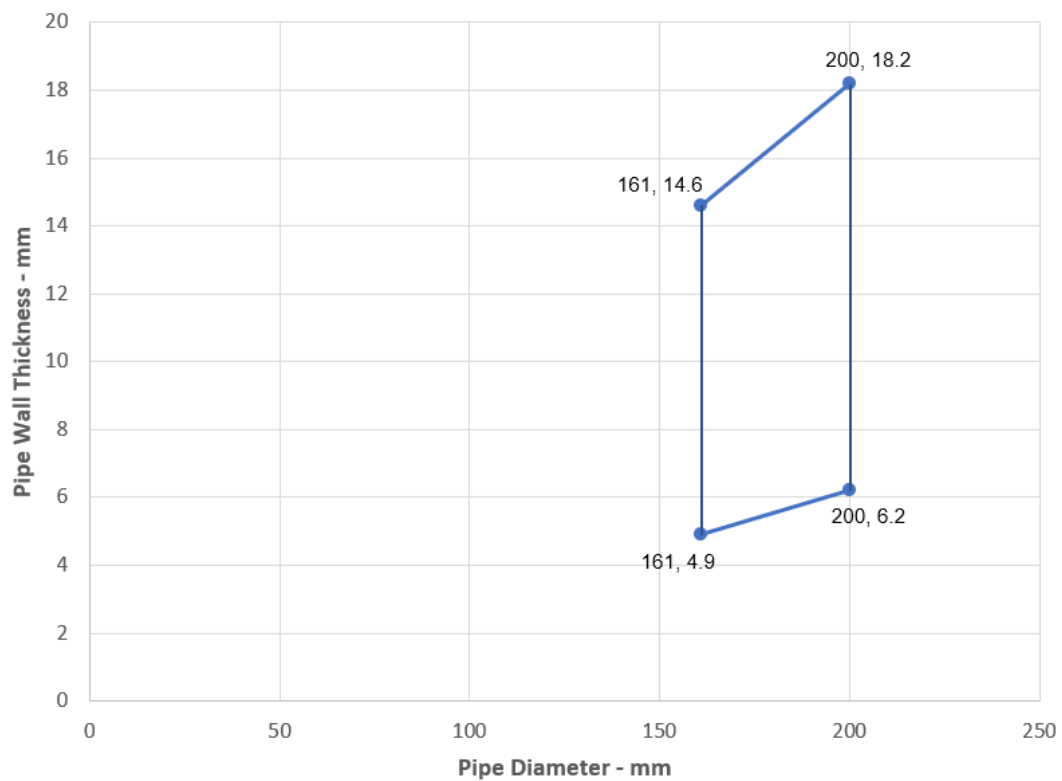
2025.01, ver. 1

1549

### PE Pipes 126-160 mm Diameter - E 240 U/U, EI 120 U/U



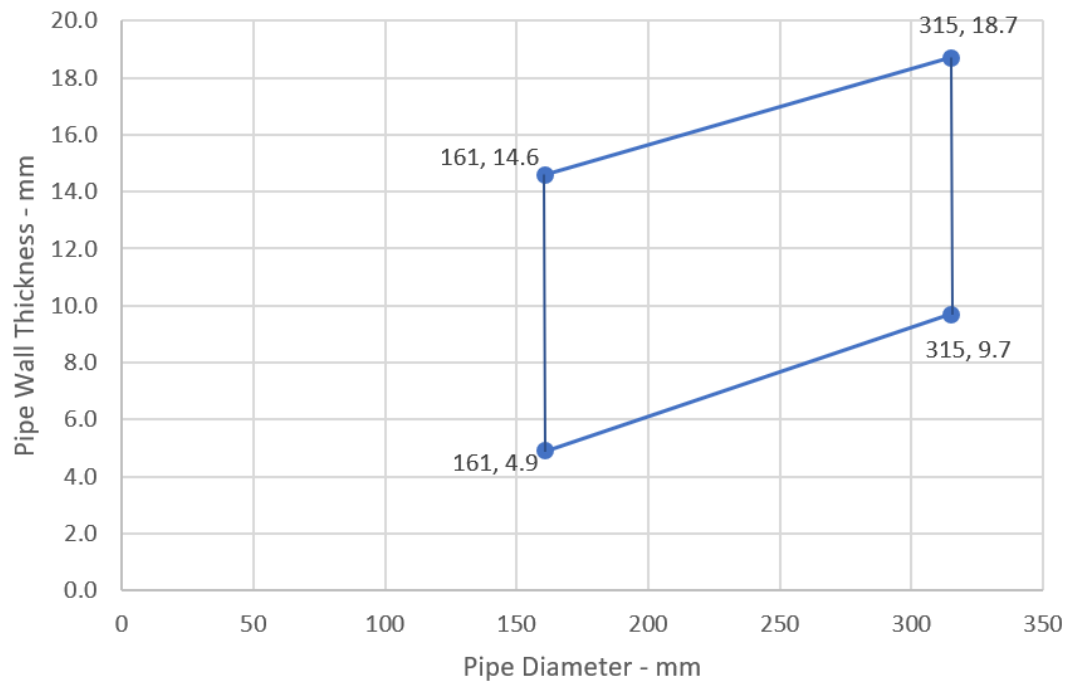
### PE Pipes 161-200 mm Diameter - EI 120 - C/C



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## PE Pipes - EI 60 C/C



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

151/189

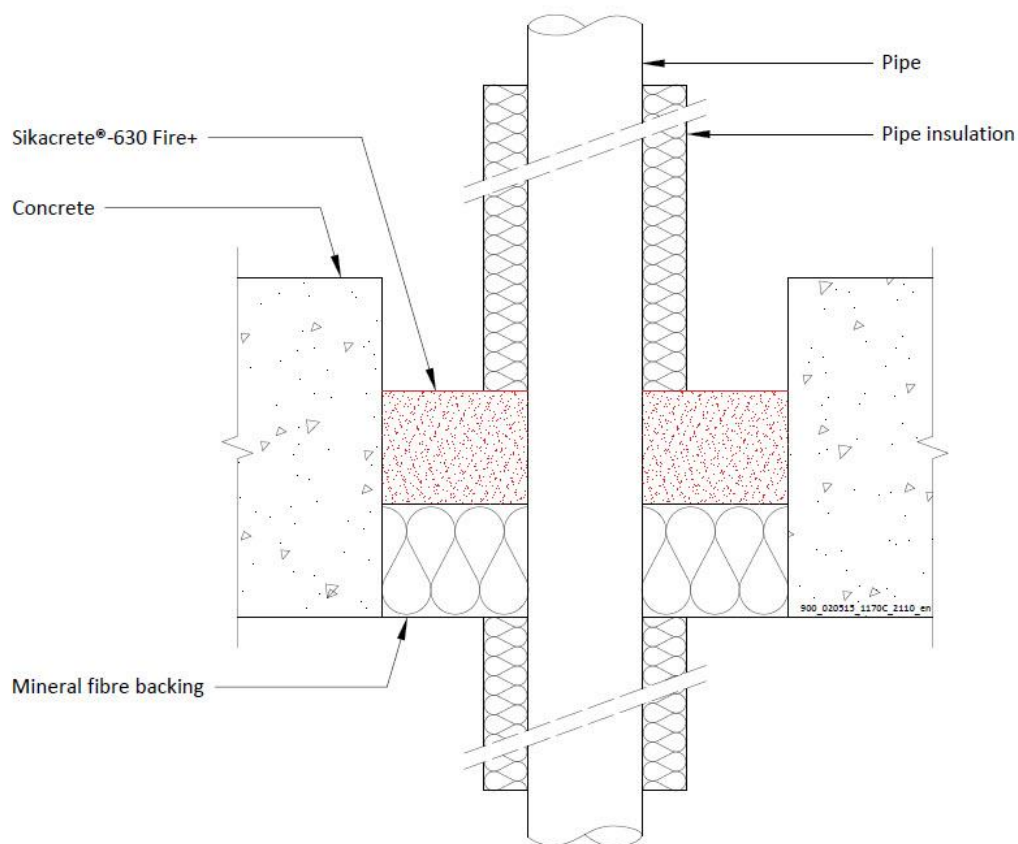
**BUILDING TRUST**



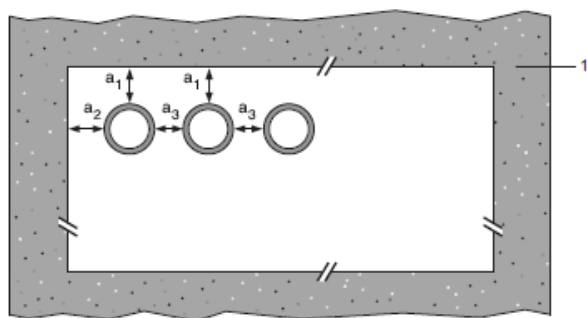
### A.2.13 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CI (Continuous Interrupted) or LI (Local Interrupted) insulated composite pipes fitted at any position within the aperture (min. separation 10 mm from seal edges), with min. 50 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>.

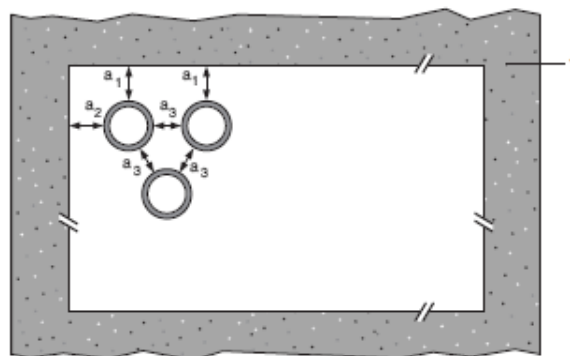
Construction details:



Configuration 1



Configuration 2



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

### Declaration of Performance

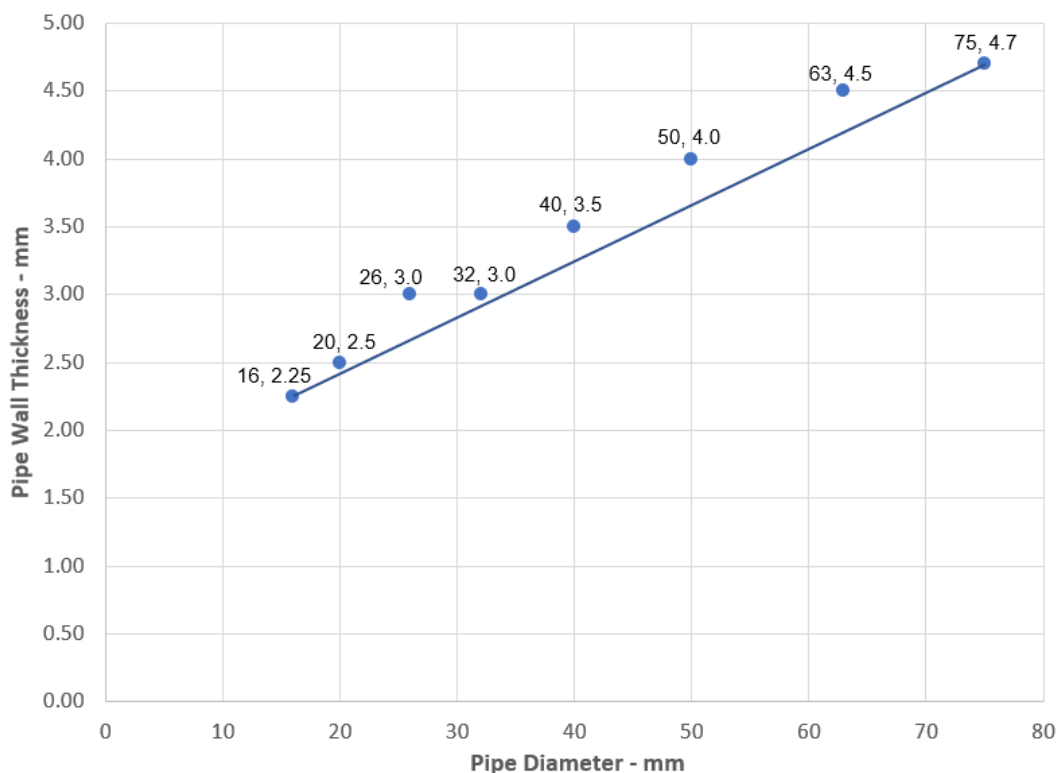
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.13.1 Single side penetration seal with pipes

| Services                     | Maximum Aperture    | Insulation                                                                             | Classification        |
|------------------------------|---------------------|----------------------------------------------------------------------------------------|-----------------------|
| Alupex pipes                 |                     |                                                                                        |                       |
| 16 mm diameter/2.25 mm wall* | 135 x 135 mm        | 500 mm long,<br>minimum 20 mm<br>Stone wool insulation<br>minimum 80 kg/m <sup>3</sup> | EI 240 C/C            |
| 16 mm diameter/2.25 mm wall* |                     |                                                                                        | E 240 C/C, EI 180 C/C |
| 20 mm diameter/2.5 mm wall*  |                     |                                                                                        |                       |
| 26 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 32 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 40 mm diameter/3.5 mm wall*  |                     |                                                                                        |                       |
| 50 mm diameter/4 mm wall*    |                     |                                                                                        |                       |
| 63 mm diameter/4.5 mm wall*  |                     |                                                                                        |                       |
| 75 mm diameter/4.7 mm wall*  |                     |                                                                                        |                       |
| 16 mm diameter/2.25 mm wall* | As section<br>2. 4) |                                                                                        | EI 180 C/C            |
| 20 mm diameter/2.5 mm wall*  |                     |                                                                                        |                       |
| 26 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 32 mm diameter/3 mm wall*    |                     |                                                                                        |                       |
| 40 mm diameter/3.5 mm wall*  |                     |                                                                                        |                       |
| 50 mm diameter/4 mm wall*    |                     |                                                                                        |                       |
| 63 mm diameter/4.5 mm wall*  |                     |                                                                                        |                       |
| 75 mm diameter/4.7 mm wall*  |                     |                                                                                        |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness - Alupex Pipes - C/C**



#### Declaration of Performance

Sikacrete-630 Fire+

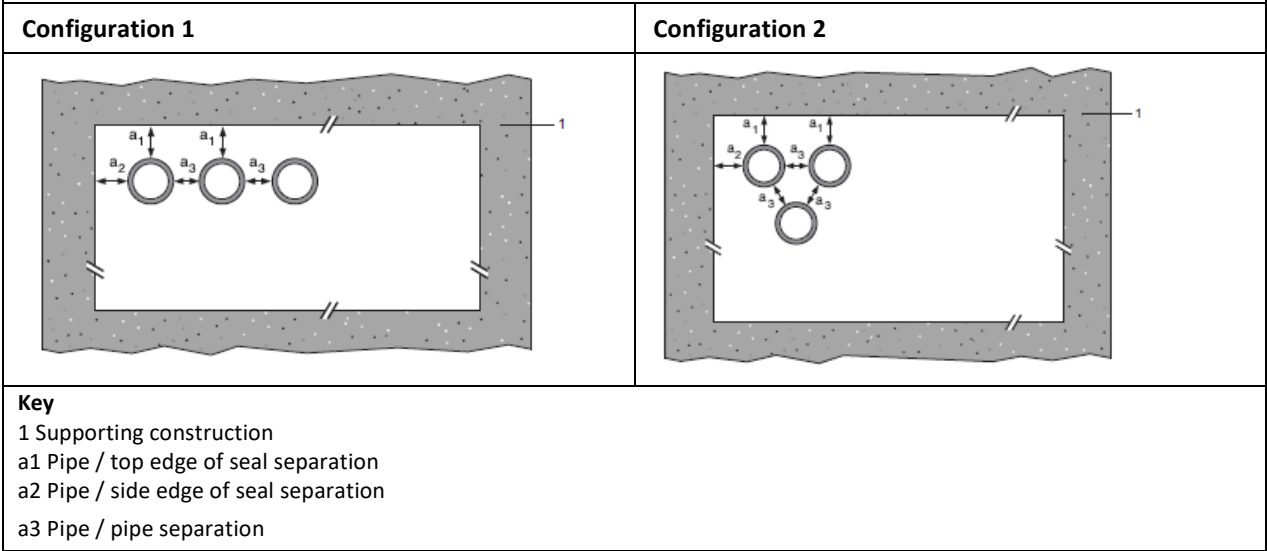
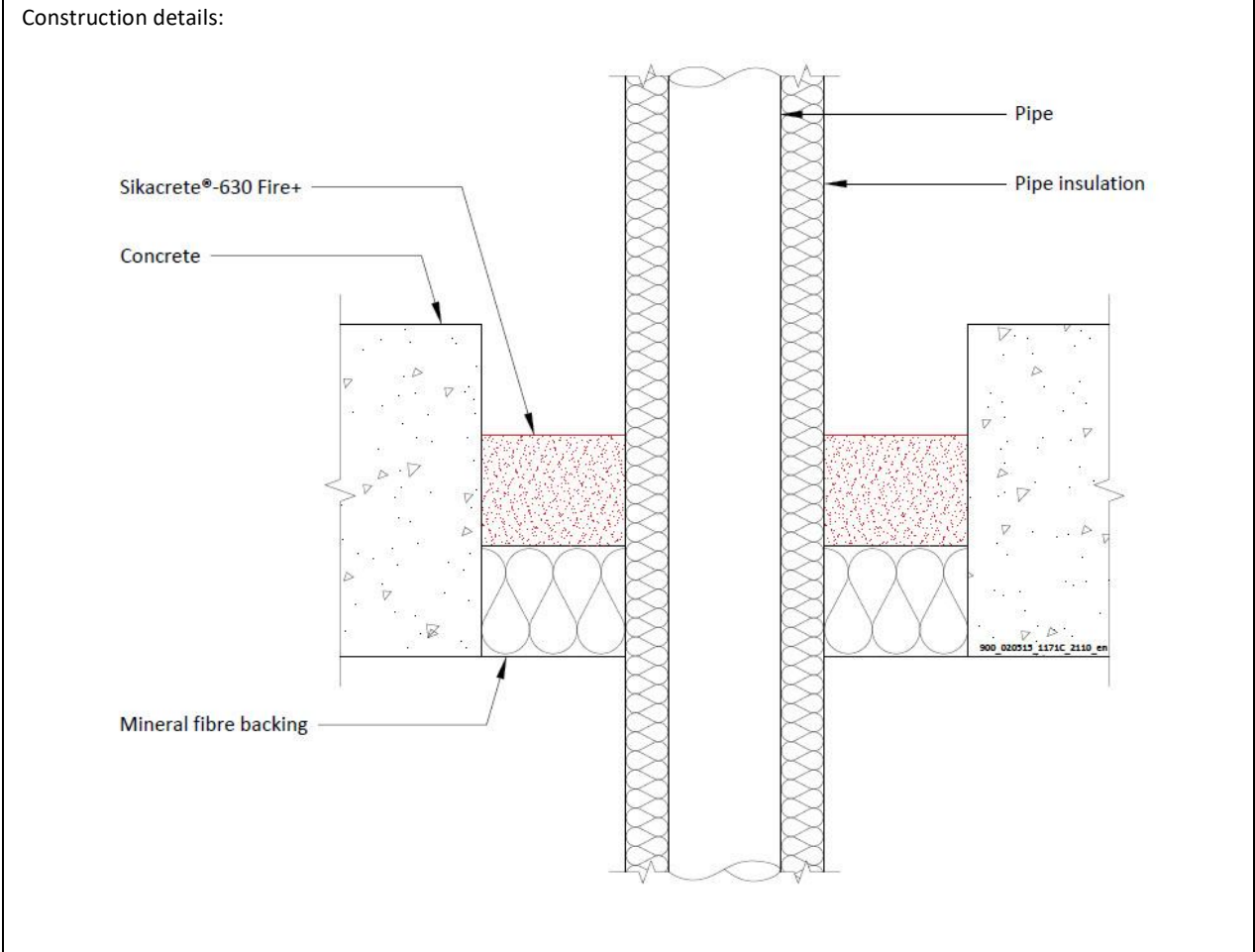
20537727

2025.01, ver. 1

1549

A.2.14 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metal pipes, uninsulated metal pipes and composite with Sikacrete-630 Fire+, to either side of the floor, backed with stone wool board min. 150 kg/m³. Minimum separation from pipes to seal edges of 30 mm (a1 & a2). Maximum seal size as section 2. 4).



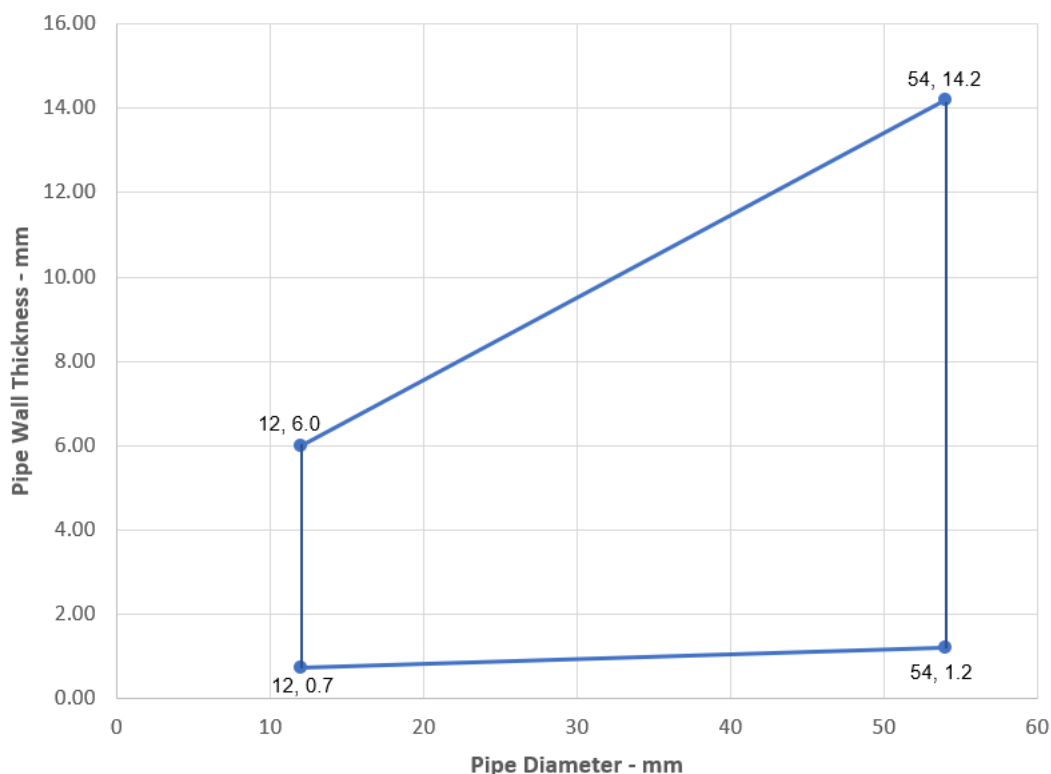
**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.2.14.1 Single side penetration seal with pipes

| Services                              | Maximum Aperture | Insulation                                                            | Classification        |
|---------------------------------------|------------------|-----------------------------------------------------------------------|-----------------------|
| Copper or steel pipes                 | As section 2. 4) | 20-80 mm Stone wool insulation minimum 80 kg/m <sup>3</sup>           | E 180 C/C, EI 120 C/C |
| 12 -54 mm diameter/0.7-14.2 mm wall*  |                  | None                                                                  | E 180 C/C, EI 120 C/C |
| 6 mm diameter/0.7-3 mm wall*          |                  |                                                                       | E 180 C/C, EI 30 C/C  |
| 7-15 mm diameter/0.7-7.5 mm wall*     |                  |                                                                       | E 180 C/C             |
| 16-54mm diameter/1.2-14.2mm wall*     |                  |                                                                       | E 180 C/C             |
| Steel pipes                           |                  | None                                                                  | EI 180 C/U            |
| 4-16 mm diameter/1.0-8.0 mm wall*     |                  |                                                                       | E 180 C/U, EI 20 C/U  |
| 17-324 mm diameter/6.35-14.2 mm wall* |                  |                                                                       |                       |
| Alupex Pipes                          |                  | None                                                                  | EI 180 C/C            |
| 16-20 mm diameter/2.0 mm wall         |                  |                                                                       | E 180 C/C, EI 30 C/C  |
| 75mm diameter/4.6mm wall              |                  | 20 mm glass- or stone wool insulation minimum 75 kg/m <sup>3</sup>    | EI 180 C/C            |
| 16 mm diameter/2.25 mm wall           |                  |                                                                       | EI 120 C/C            |
| 16-75 mm diameter/2.25-4.6 wall*      |                  | 25-50 mm glass- or stone wool insulation minimum 75 kg/m <sup>3</sup> |                       |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Copper and Steel pipes with Stonewool Insulation CS**



### Declaration of Performance

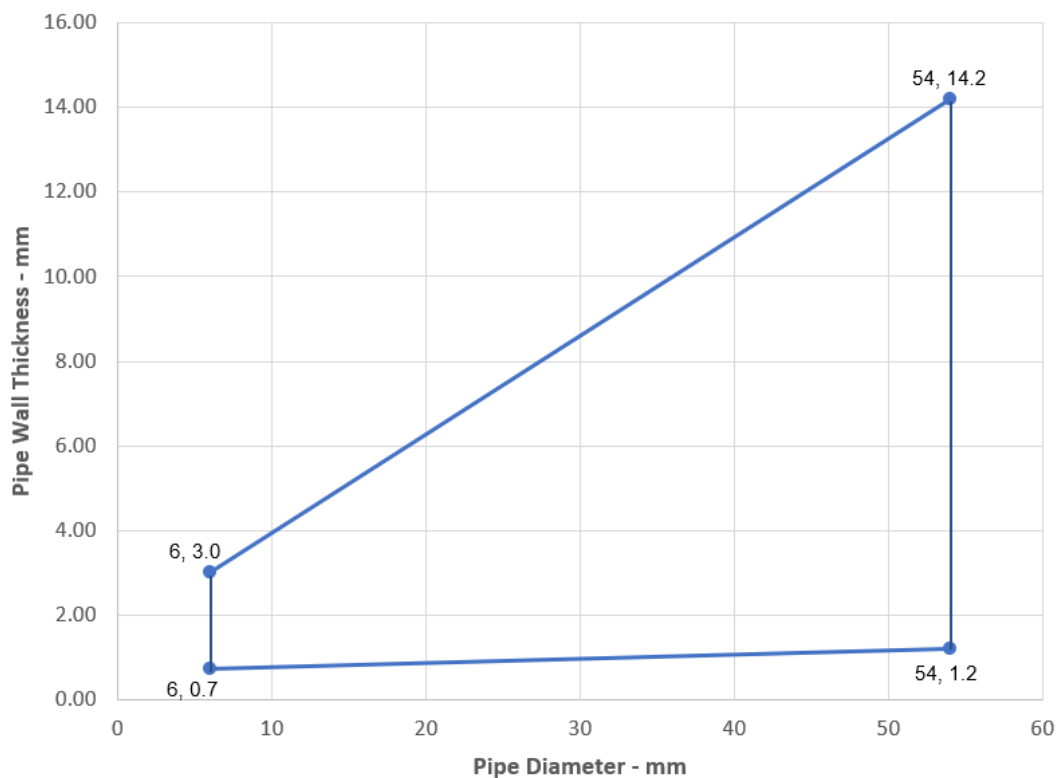
Sikacrete-630 Fire+

20537727

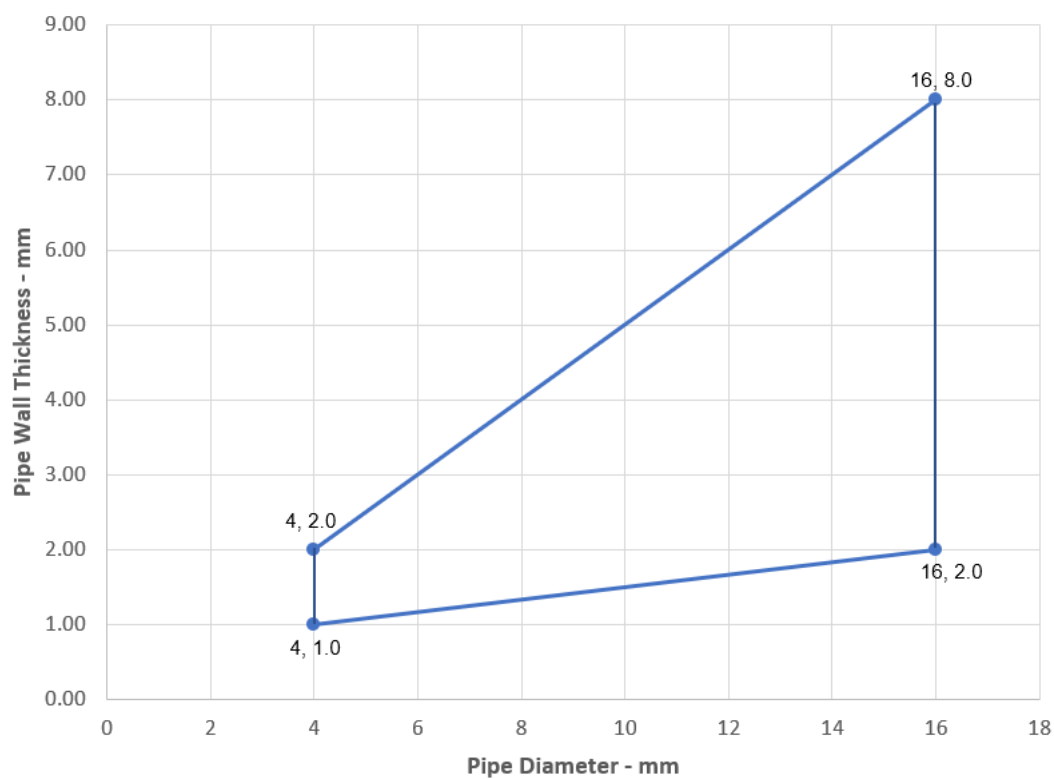
2025.01, ver. 1

1549

### Copper and Steel pipes without Insulation



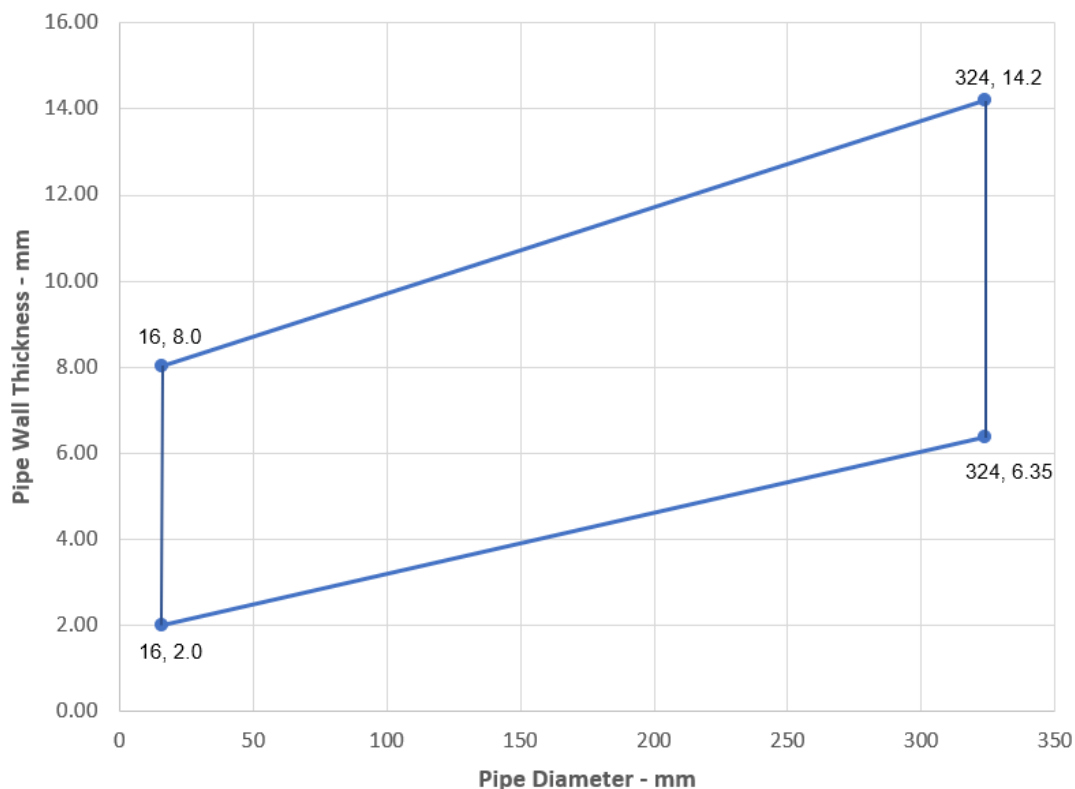
### Steel pipes 4-16 mm Diameter without Insulation



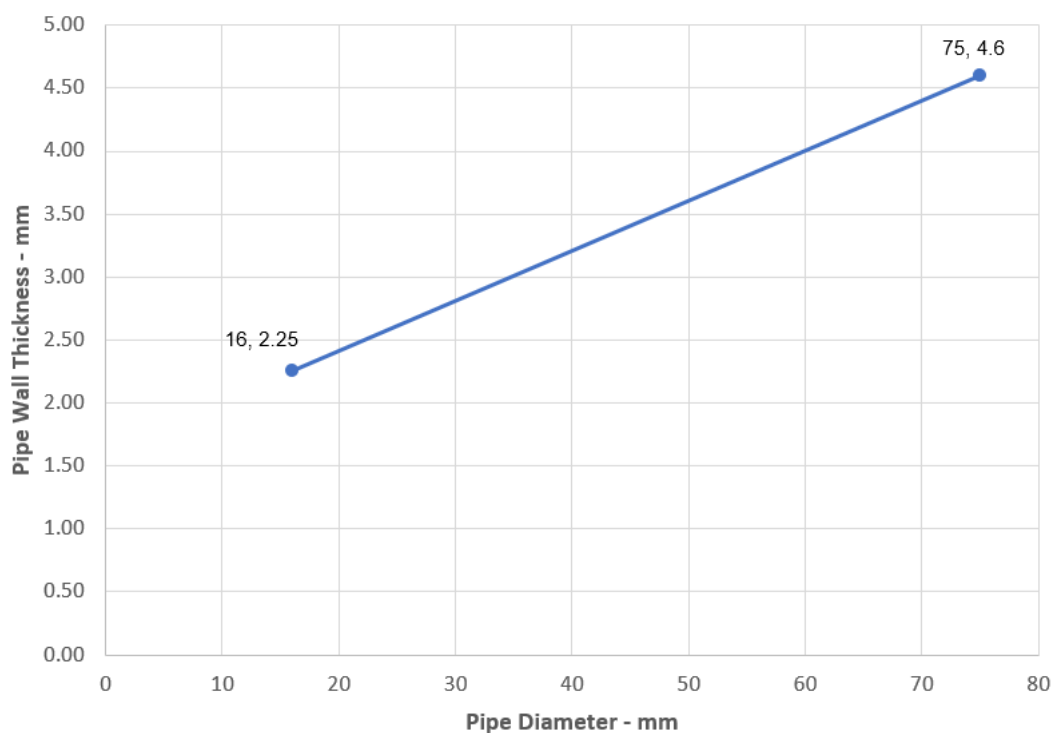
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### Steel pipes 16-324 mm Diameter without Insulation



### Alupex pipes 16-75 mm Diameter with Glass or Stonewool Insulation CS



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

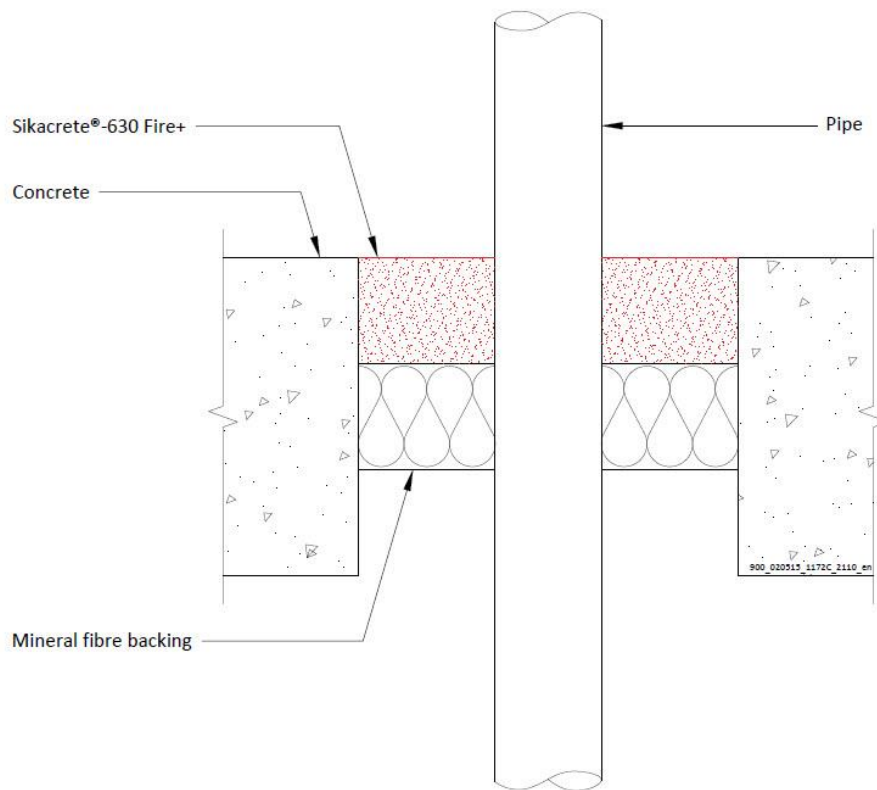
2025.01, ver. 1

1549

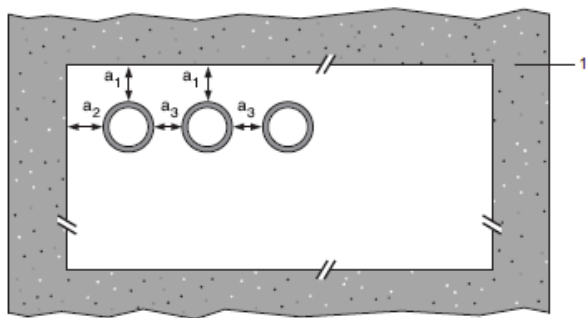
A.2.15 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 50 mm Sikacrete-630 Fire+ flush with the top of floor, backed with min. 50 mm stone wool min. 150 kg/m<sup>3</sup>

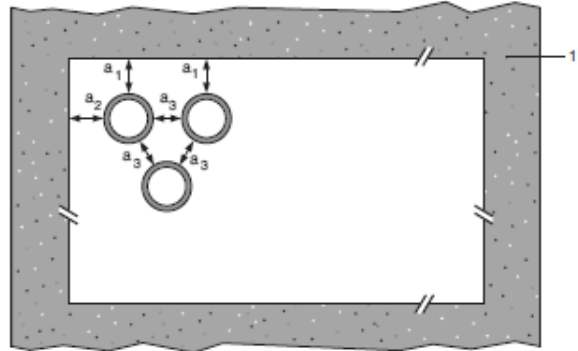
Construction details:



Configuration 1



Configuration 2



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

**Declaration of Performance**

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.2.15.1 Single sided penetration seal with pipes

| Services                                                                                                                                                                 | Wrap       | Maximum aperture | Classification |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|----------------|
| 40 mm diameter /3 mm wall PP pipes according to EN 1451-1                                                                                                                | None       | As section 2. 4) | EI 120 C/C     |
| 40 mm diameter /4 mm wall PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1\$, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1    |            |                  |                |
| 110 mm diameter /4.3 mm wall PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1\$, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 | 50 x 1.8mm |                  | EI 60 C/C      |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

159/189

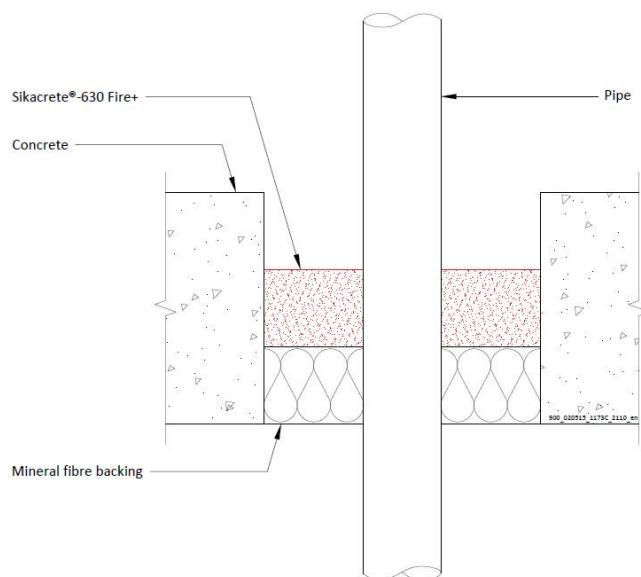
**BUILDING TRUST**



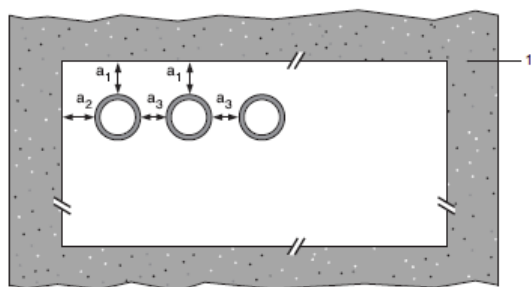
## A.2.16 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Combustible pipes sealed with Sikacrete-630 Fire+, to either side of the floor, backed with stone wool board min. 150 kg/m<sup>3</sup>. Minimum separation between pipes of 30 mm ( $a_3$ ) and from seal edges 30 mm ( $a_1$  &  $a_2$ ). Maximum seal size as section 2. 4).

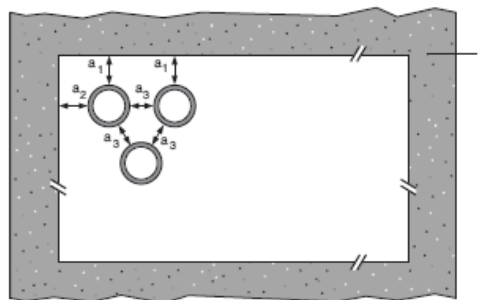
Construction details:



**Configuration 1**



**Configuration 2**



### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

### A.2.16.1 Single side penetration seal with cables

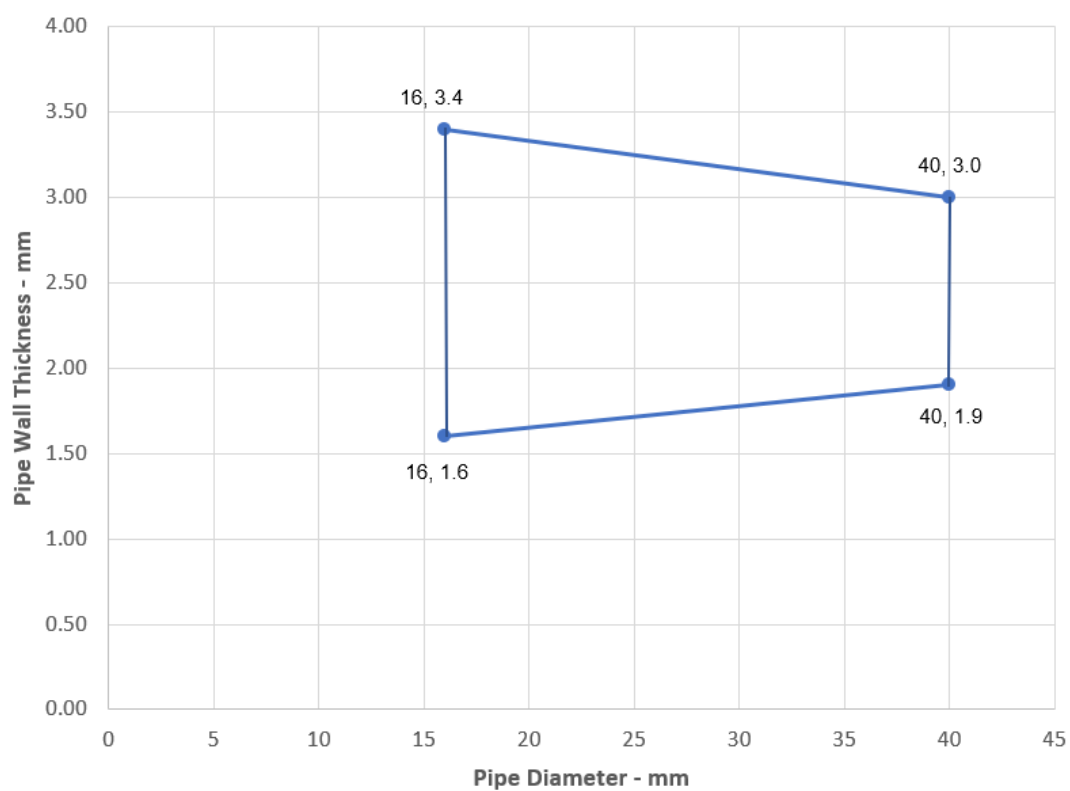
| Services                                                                                                | Seal Depth | Permitted configuration for seal separation | Classification  |
|---------------------------------------------------------------------------------------------------------|------------|---------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1 <sup>^</sup> , PVC-C according to EN 1566-1 |            |                                             |                 |
| Diameter 16 mm, wall thickness 1.6 – 3.4 mm, to diameter 40 mm, wall thickness 1.9-3.0 mm*              | Min. 50 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |

\* See below graph for intermediate sizes

### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## PVC Pipes - EI 120 - U/C



### Declaration of Performance

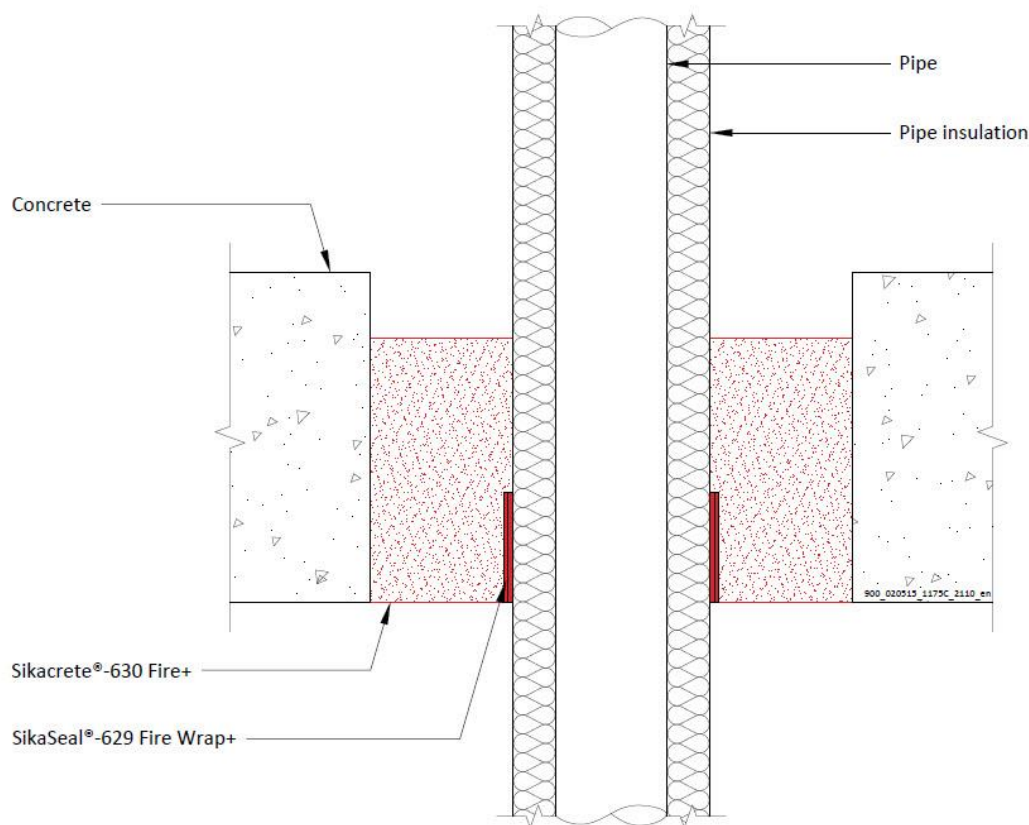
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.3 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 120 mm

#### A.3.1 Pipe penetration seal with 120 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 120 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).

Construction details:



#### A.3.1.1 Single sided penetration seal with pipes

| Services                                                                                                                                  | Outer diameter including insulation | Pipe wrap                      | Pipe insulation                                                                             | Classification        |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|-----------------------|
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |                                     |                                |                                                                                             |                       |
| Maximum 160 mm diameter pipe*                                                                                                             | Maximum 68 mm diameter              | 50 x 3.6 mm (2 x 1.8 layers)   | 9-50 mm Elastomeric insulation minimum class B-s3,d0 or foil faced phenolic foam insulation | EI 240 C/C            |
|                                                                                                                                           | Maximum 178 mm diameter             | 75 x 10.8 mm (6 x 1.8 layers)  |                                                                                             | EI 120 C/C            |
|                                                                                                                                           | Maximum 260 mm diameter             | 75 x 18.0 mm (10 x 1.8 layers) |                                                                                             |                       |
| PP pipes according to EN 1852-1: 2009                                                                                                     |                                     |                                |                                                                                             |                       |
| Maximum 160 mm diameter pipe*                                                                                                             | Maximum 68 mm diameter              | 50 x 3.6 mm (2 x 1.8 layers)   | 9-50 mm Elastomeric insulation minimum class B-s3,d0 or foil faced phenolic foam insulation | E 240 C/C, EI 180 C/C |
|                                                                                                                                           | Maximum 178 mm diameter             | 75 x 10.8 mm (6 x 1.8 layers)  |                                                                                             | EI 240 C/C            |
|                                                                                                                                           | Maximum 260 mm diameter             | 75 x 18.0 mm (10 x 1.8 layers) |                                                                                             | EI 120 C/C            |

#### Declaration of Performance

Sikacrete-630 Fire+

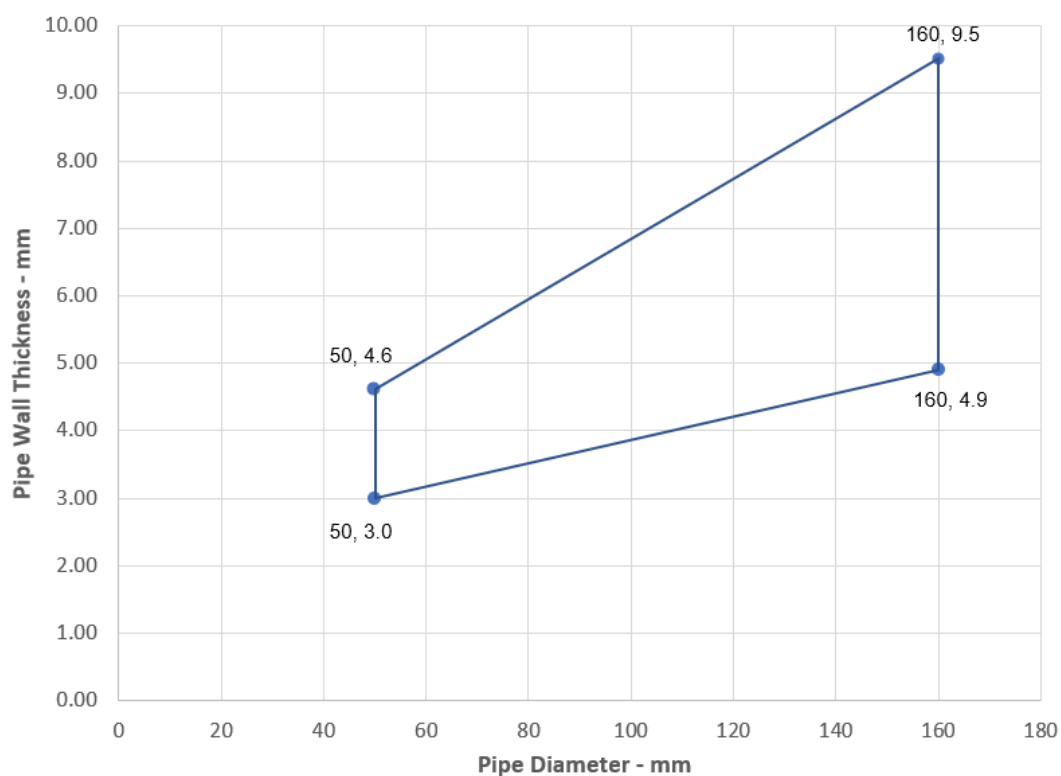
20537727

2025.01, ver. 1

1549

\*See below graph for interpolation pipe sizes

### PE pipes 50-160 mm Diameter with Insulation CS



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

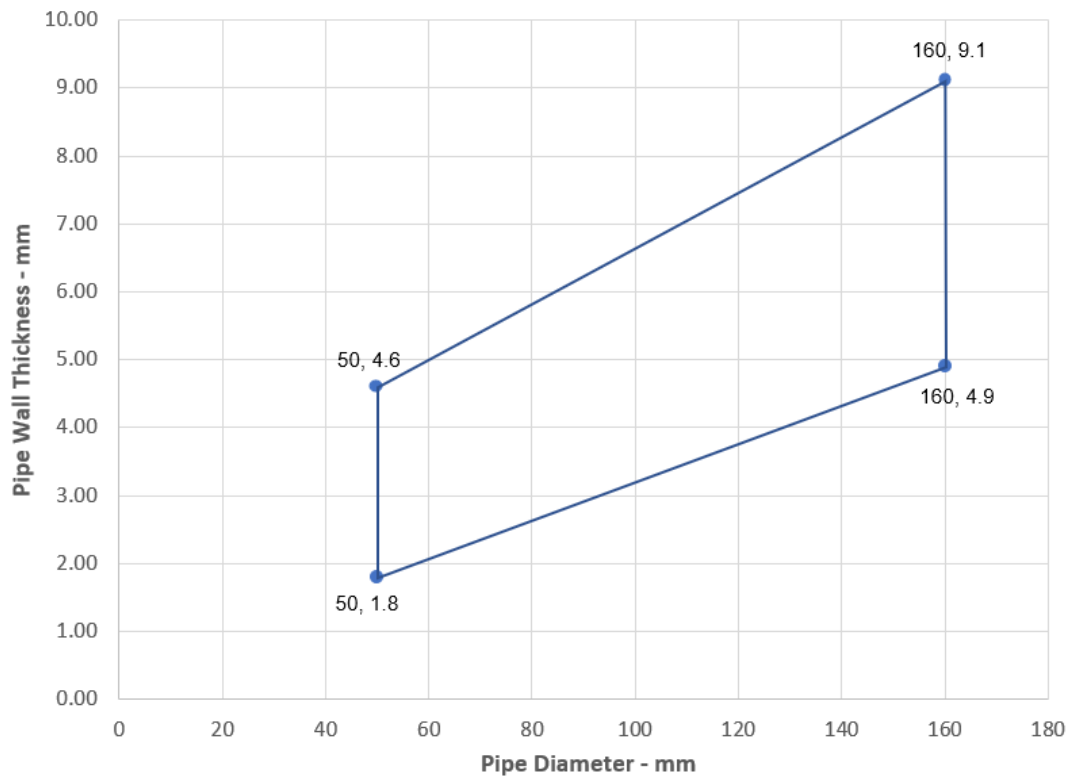
1549

163/189

**BUILDING TRUST**



### PP pipes 50-160 mm Diameter with Insulation CS



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

164/189

**BUILDING TRUST**

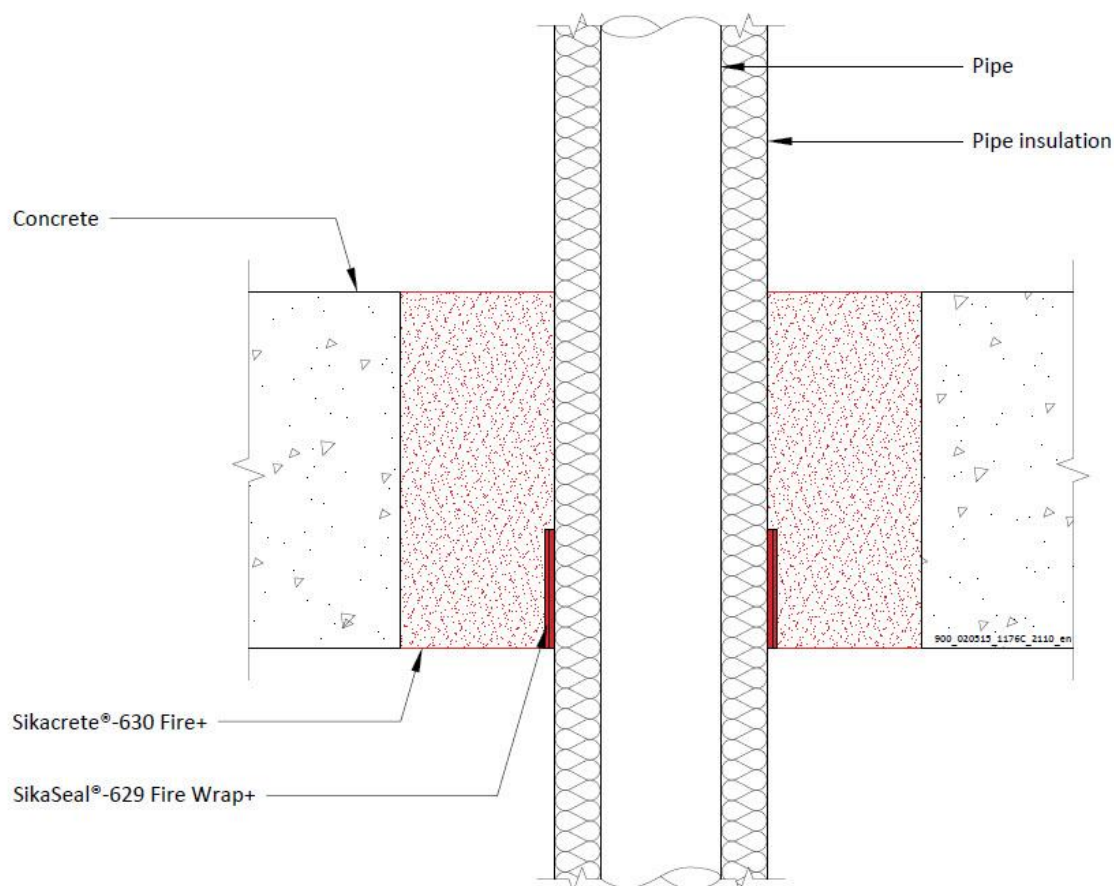


## A.4 Rigid floor constructions according to 1.2.1 with floor thickness of minimum 150 mm

### A.4.1 Pipe penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and 30 mm from other services), with min. 150 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted around combustible pipe insulation. Maximum seal size as section 2. 4).

Construction details:



#### A.4.1.1 Single side penetration seal with pipes

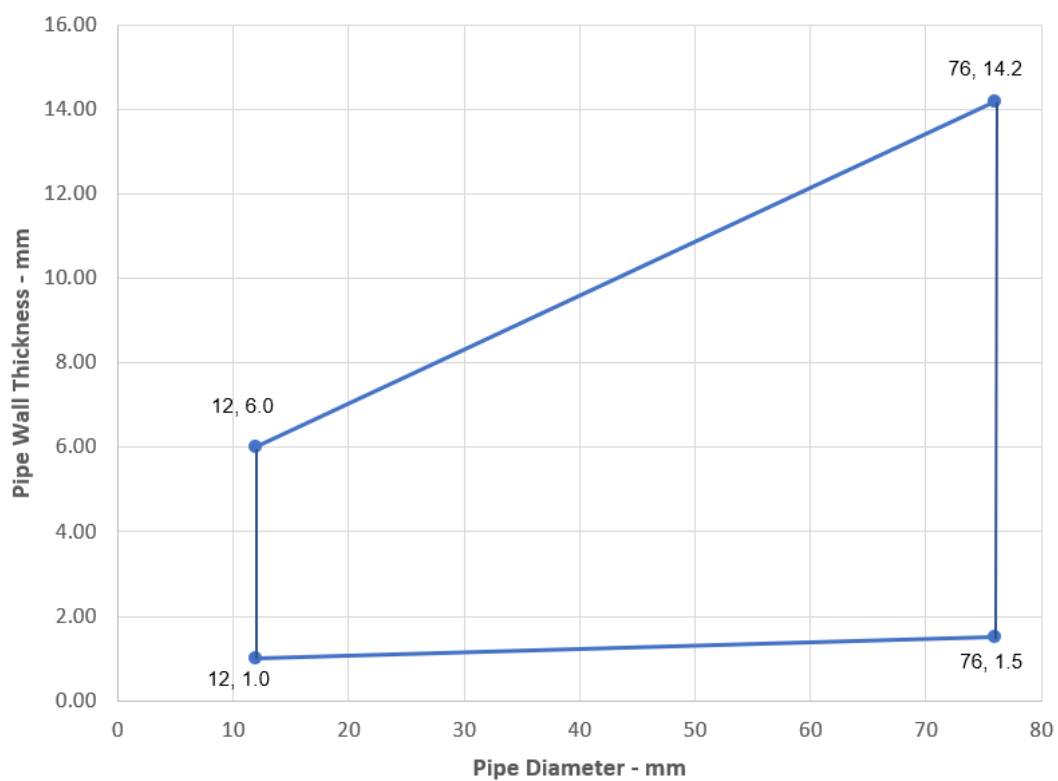
| Services                                  | Wrap                                                        | Insulation                 | Classification         |
|-------------------------------------------|-------------------------------------------------------------|----------------------------|------------------------|
| Mild or stainless steel pipes             |                                                             |                            |                        |
| 12 mm diameter/ 1.0 mm wall               | 1 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, fitted at soffit | 9 mm PE foam insulation    | EI 180 C/U             |
| Maximum 76 mm diameter/ 1.5-14.2 mm wall* | 2 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+ fitted at soffit  | 9-30 mm PE foam insulation | E 180 C/U<br>EI 60 C/U |

\* See below graph for intermediate sizes

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## Steel Pipes 12-76 with PE Pipe Ins / Wrap - C/U



### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

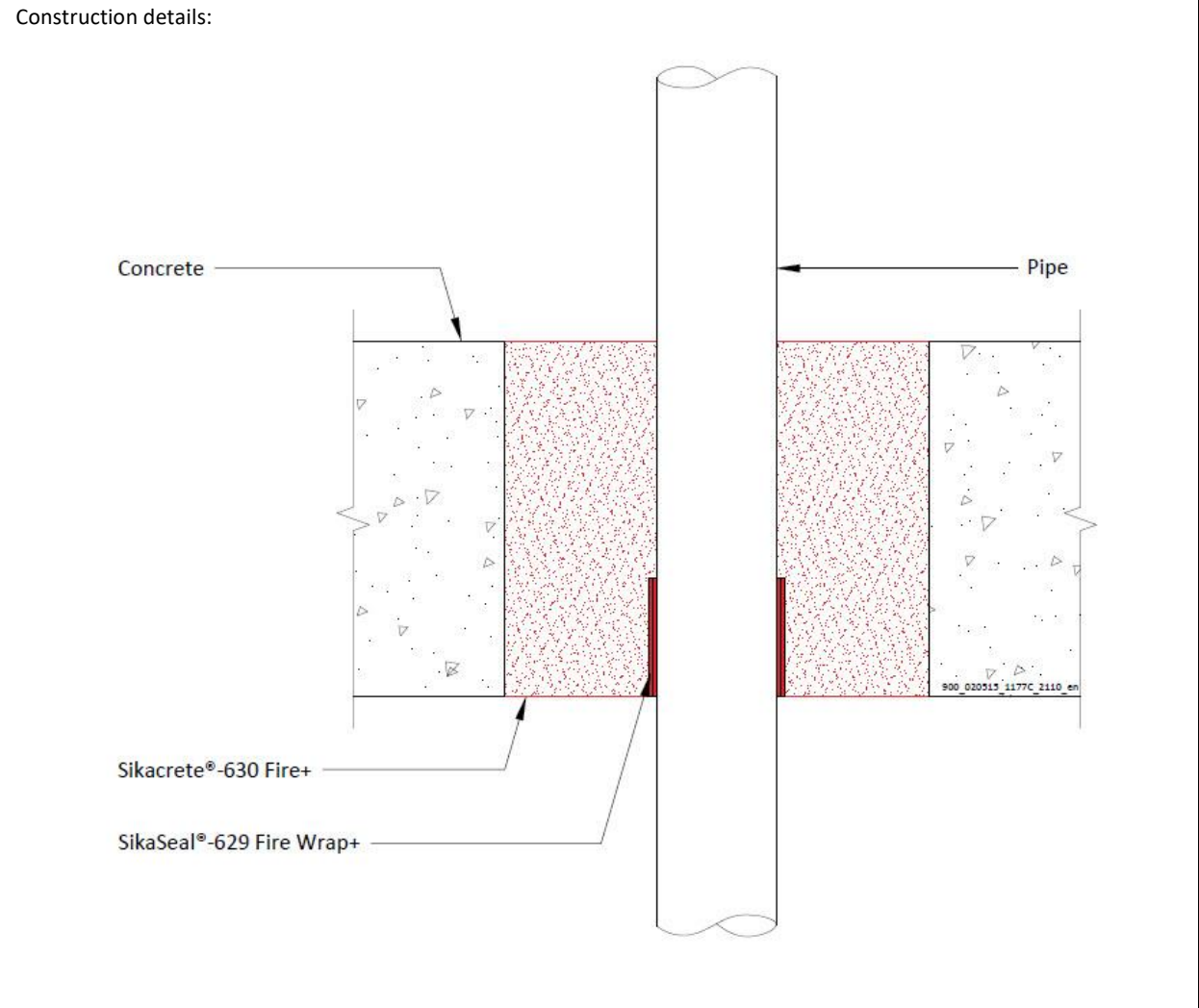
166/189

**BUILDING TRUST**



A.4.2 Pipe penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Plastic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges and from other services), with 150 mm Sikacrete-630 Fire+ to either surface of the floor or anywhere between. SikaSeal-629 Fire Wrap+ are required to be fitted to the bottom of the seal, as indicated below. Maximum seal size as section 2. 4).



| Configuration 1                                                                                                                                                                | Configuration 2 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                                                                                                                                                                                |                 |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p> |                 |

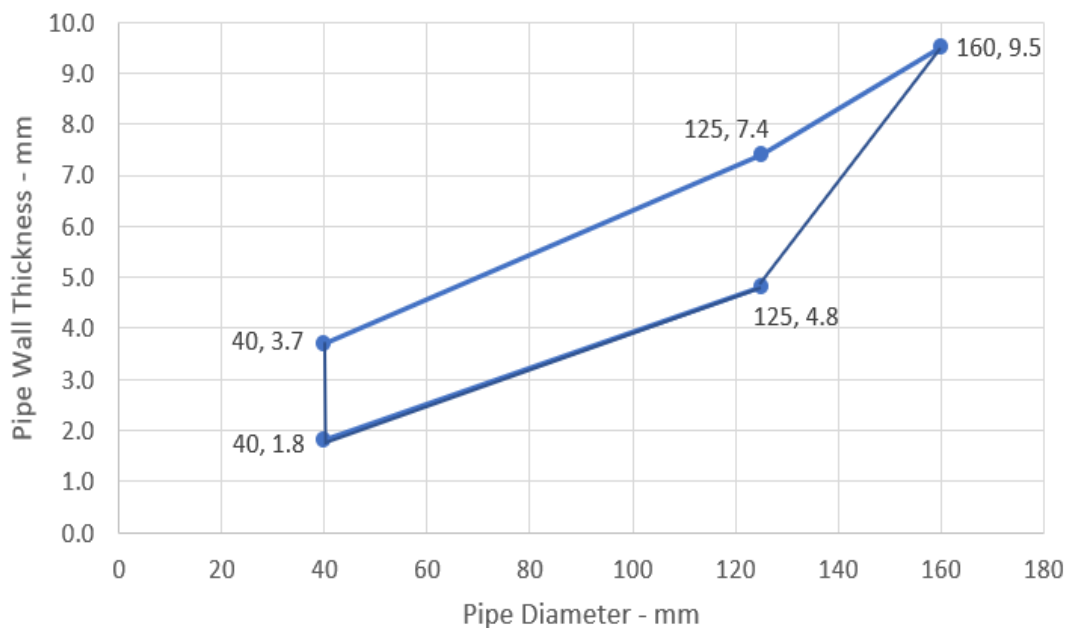
**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.4.2.1

| Services                                                                                                                                  | Wrap        | Permitted configuration for seal separation | Classification       |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|----------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-1 and EN 1453-1, PVC-C according to EN 1566-1                                                 |             |                                             |                      |
| Up to 40 mm diameter/1.8-3.7 mm wall*                                                                                                     | 50 x 1.8    | 1 & 2                                       | EI 120 U/U           |
| Up to 125 mm diameter / 4.8-7.4 mm wall*                                                                                                  | 50 x 7.2 mm |                                             | EI 60 U/U            |
| Up to 160 mm diameter/9.5 mm wall*                                                                                                        | 75 x 7.2 mm |                                             | E 120 U/U, EI 30 U/U |
| PP pipes according to EN 1451-1                                                                                                           |             |                                             |                      |
| Up to 40 mm diameter/1.8-5.5 mm wall*                                                                                                     | 50 x 1.8    | 1 & 2                                       | EI 120 U/U           |
| Up to 125 mm diameter / 11.4 mm wall*                                                                                                     | 50 x 7.2 mm |                                             | EI 240 U/U           |
| Up to 160 mm diameter/14.6 mm wall*                                                                                                       | 75 x 7.2 mm |                                             | EI 240 U/U           |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |             |                                             |                      |
| Up to 40 mm diameter/2.4-3.7 mm wall*                                                                                                     | 50 x 1.8 mm | 1 & 2                                       | EI 240 U/U           |
| Up to 110 mm diameter/3.4-10 mm wall*                                                                                                     | 75 x 5.4 mm |                                             | EI 240 U/U           |
| Up to 125 mm diameter/11.4 mm wall*                                                                                                       | 50 x 7.2 mm |                                             | EI 240 U/U           |
| Up to 160 mm diameter/4.9-14.6 mm wall*                                                                                                   | 75 x 7.2 mm |                                             | EI 120 U/U           |

\* Typical pipe diameters shown, see below graph for intermediate sizes

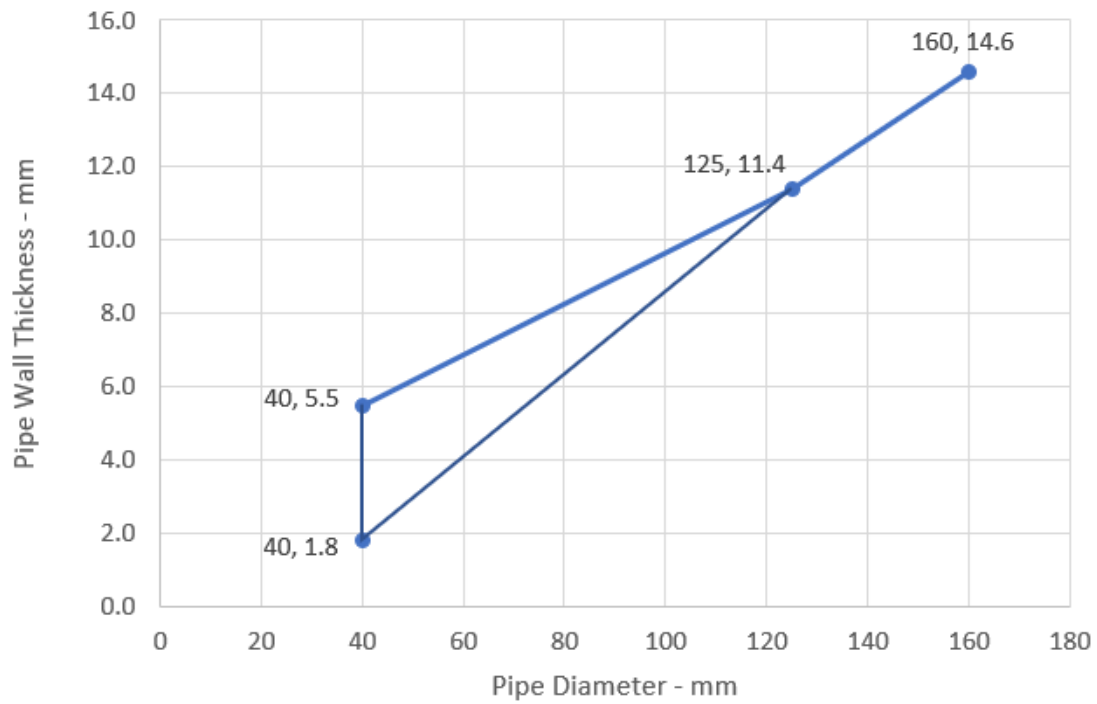
#### PVC-U Pipes - E 60 U/U, EI 30 U/U



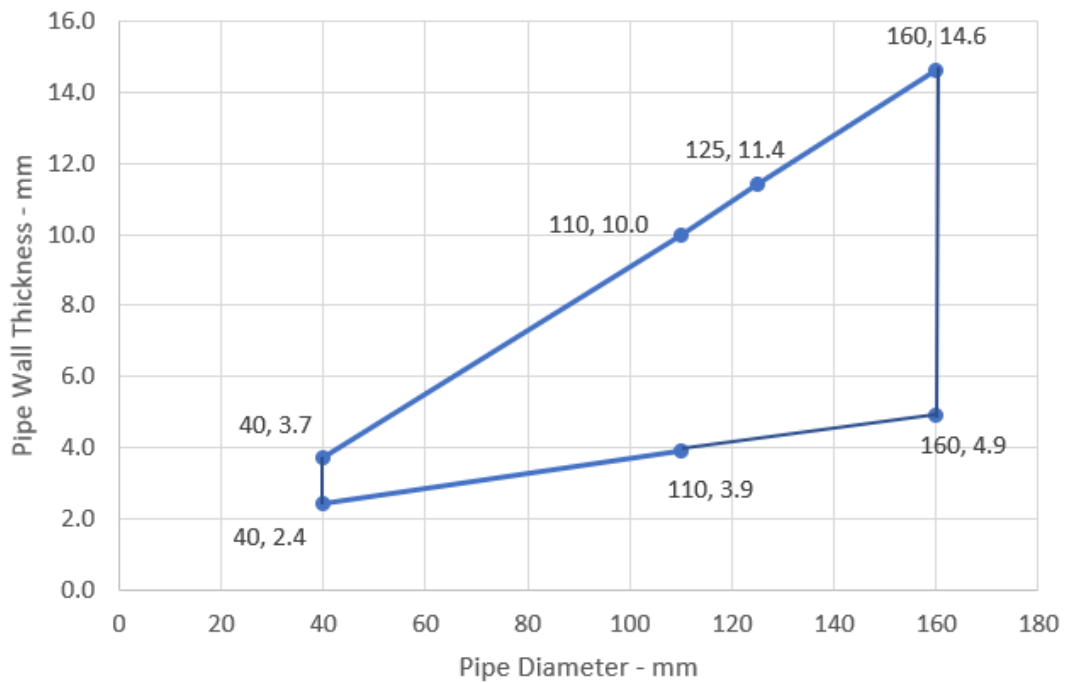
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### PP Pipes - E 120 U/U



### PE Pipes - EI 120 U/U



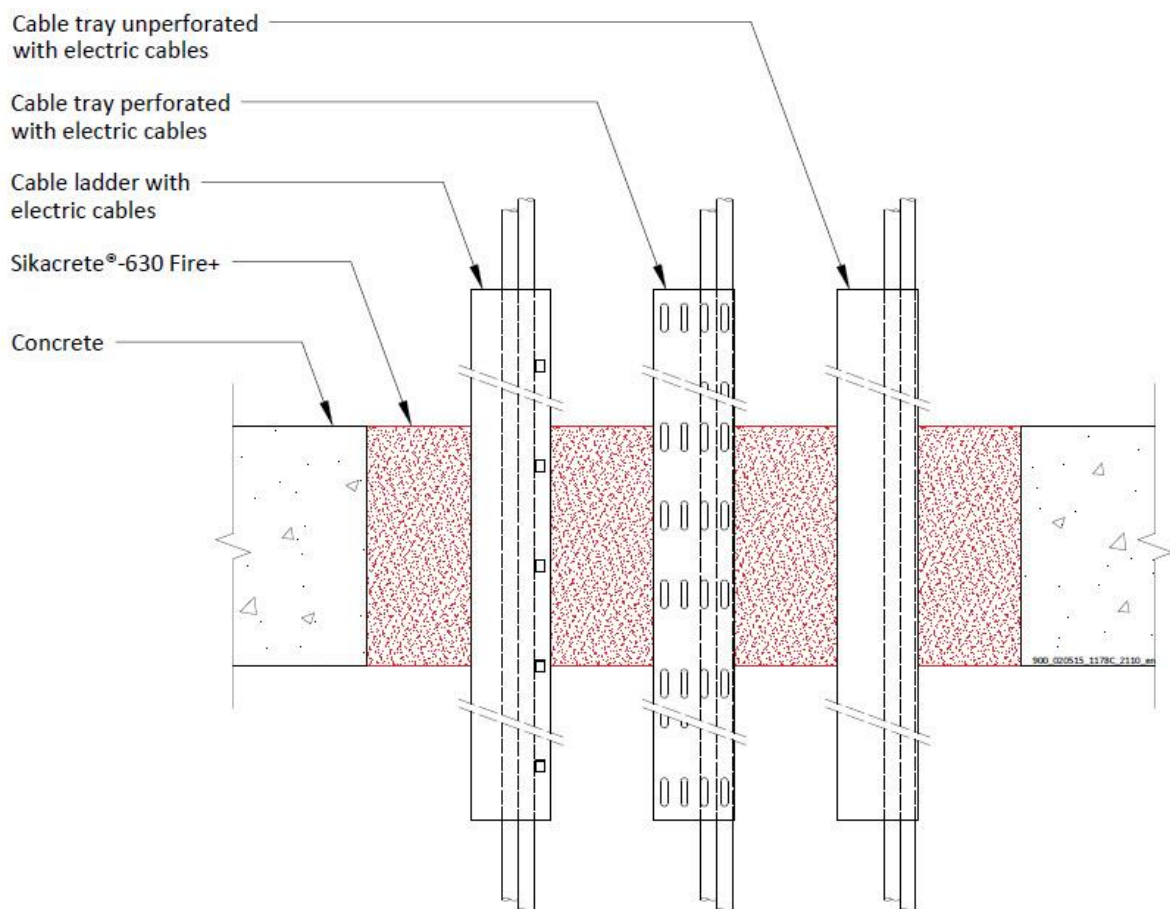
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.4.3 Cable penetration seal with 150 mm deep Sikacrete-630 Fire+

**Penetration Seal:** Cables fitted with Sikacrete-630 Fire+ to either side of floor. Maximum seal size as section 2. 4) and minimum separation between cables and the edge of the seal of 30 mm.

Construction details:



#### A.4.3.1 Single side penetration seal with cables

| Services                                                     | Mortar depth   | Backing | Insulation | Classification |
|--------------------------------------------------------------|----------------|---------|------------|----------------|
| Blank seals                                                  | Min.<br>150 mm | None    | None       | EI 240         |
| Electric cables up to 21 mm diameter, single or in a bundle. |                |         |            | E 240 EI 120   |
| Steel cable trays and ladders up to 500 mm wide              |                |         |            | E 240 EI 90    |
| Electric cables 22-50 mm diameter, single or in a bundle.    |                |         |            | E 90 EI 60     |
| Electric cables 51-80 mm diameter, single or in a bundle.    |                |         |            | EI 120         |
| Unsheathed wire up to 24 mm diameter                         |                |         |            |                |

#### Declaration of Performance

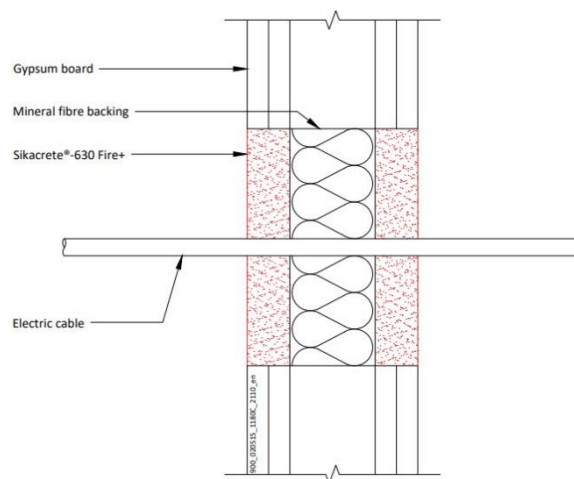
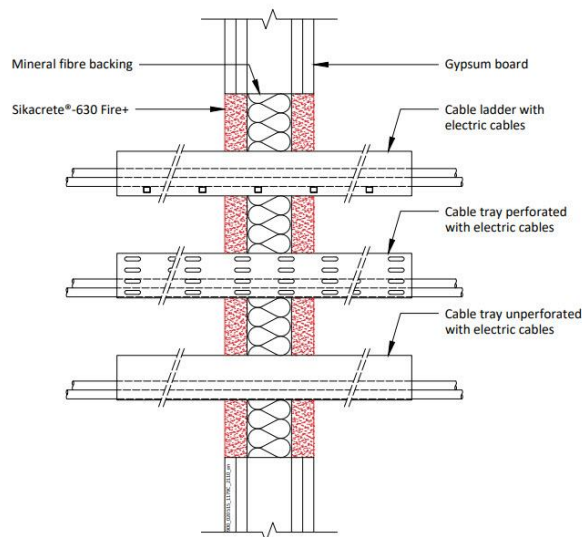
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## A.5 Flexible and rigid wall constructions according to 1.2.1 with wall thickness of min. 100 mm

### A.5.1 Cable penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** Cables fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>.

Construction details:



#### A.5.1.1 Double side penetration seal with cables

| Services                                                                        | Maximum aperture | Classification         |
|---------------------------------------------------------------------------------|------------------|------------------------|
| None (blank)                                                                    | As section 2. 4) | EI 120                 |
| Single electrical cables up to 21 mm Ø (min.100 separation from other services) |                  | E 120, EI 90           |
| Electrical cables up to 80 mm Ø (single, bundled and on trays)                  |                  | E 120, EI 60           |
| Steel cable trays & ladders                                                     |                  | E 120 C/U, EI 60 C/U   |
| Steel conduits up to 16 mm Ø                                                    |                  | E 120 C/U, EI 45 C/U   |
| copper conduits up to 16 mm Ø                                                   |                  | E 120, EI 45           |
| Unsheathed wires up to 24 mm Ø                                                  |                  | EI 120 C/U, EI 120 C/C |
| PVC conduits up to 16 mm Ø                                                      |                  |                        |

#### Declaration of Performance

Sikacrete-630 Fire+

20537727

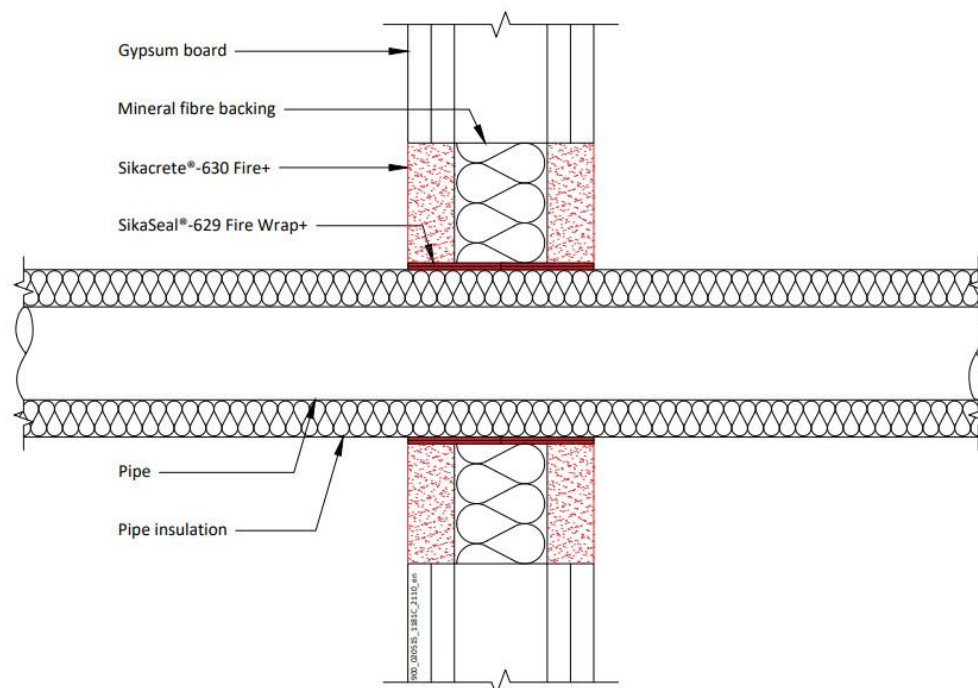
2025.01, ver. 1

1549

## A.5.2 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup> or min. 50 mm Sikacrete-630 Fire+ to both sides of the wall without backing\*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal.

Construction details:



\* Maximum seal size as section 2. 4)

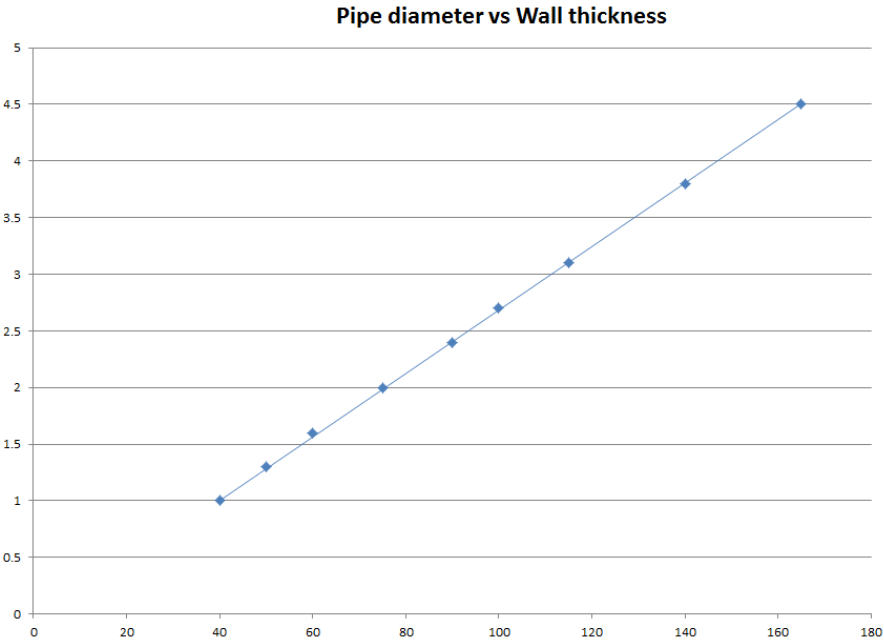
### A.5.2.1 Double side penetration seal with pipes

| Services                           | Wrap                                                                             | Insulation                                                               | Classification       |
|------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|
| Mild or stainless steel pipes      |                                                                                  |                                                                          |                      |
| 40 mm diameter/1-14.2 mm wall      | 2 off 50 x 1.8 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal |                                                                          | EI 120 C/U           |
| 40 mm diameter/1-14.2 mm wall*     |                                                                                  |                                                                          |                      |
| 50 mm diameter/1.3-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 60 mm diameter/1.6-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 75 mm diameter/2-14.2 mm wall*     |                                                                                  |                                                                          |                      |
| 90 mm diameter/2.4-14.2 mm wall*   |                                                                                  |                                                                          |                      |
| 100 mm diameter/2.7-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 115 mm diameter/3.1-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 140 mm diameter/3.8-14.2 mm wall*  |                                                                                  |                                                                          |                      |
| 165 mm diameter/ 4.5-14.2 mm wall* |                                                                                  |                                                                          |                      |
|                                    | 2 off 50 x 3.6 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal | 13 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | E 120 C/U, EI 60 C/U |

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

\* Typical pipe diameters shown, see below graph for intermediate sizes

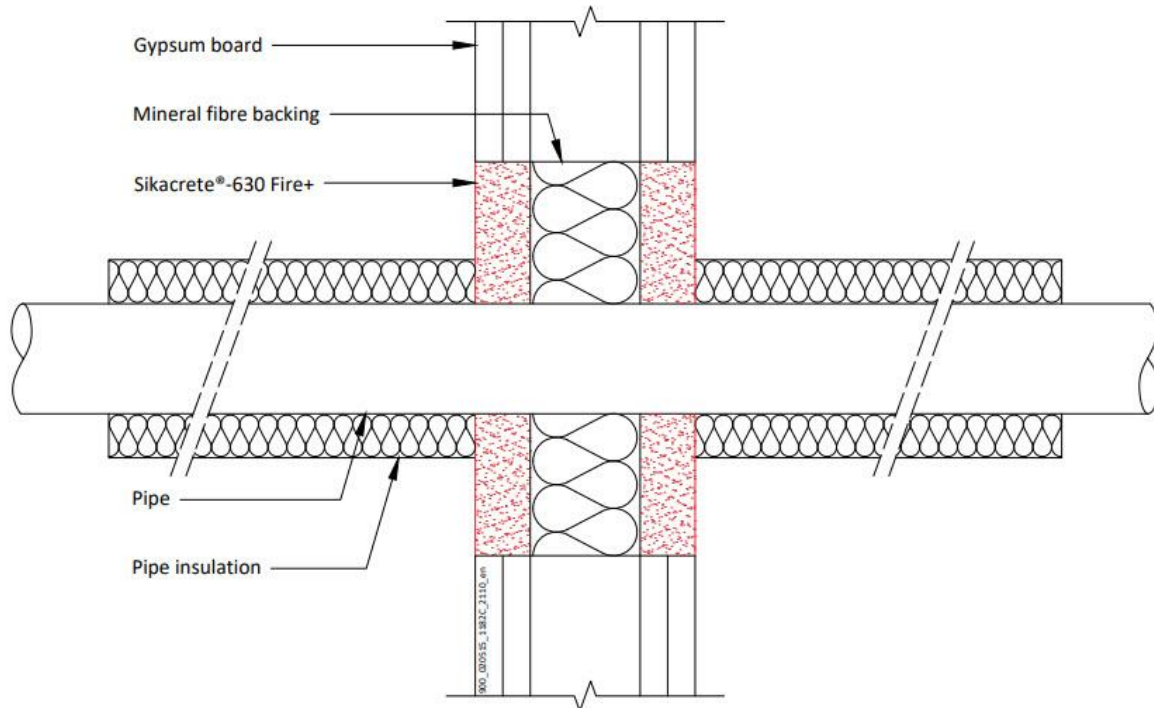


**Declaration of Performance**  
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

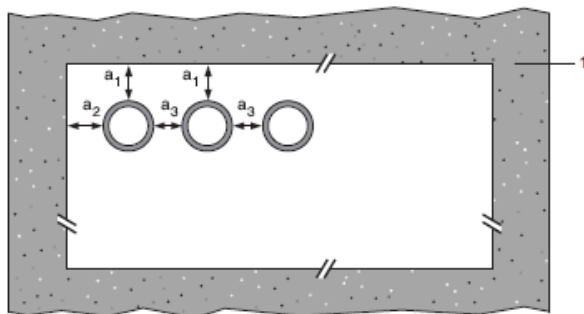
### A.5.3 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** 500 mm (min.)\* LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic (and composite) pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>. Maximum seal size as section 2. 4).

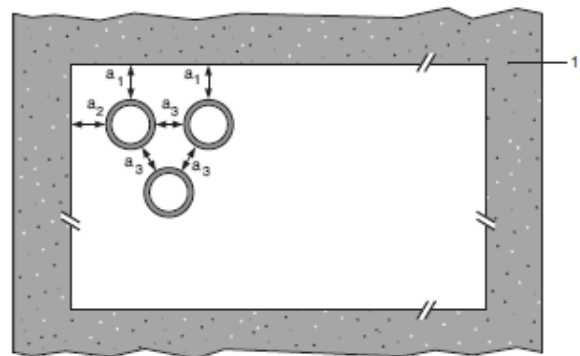
Construction details:



Configuration 1



Configuration 2



#### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

\* Minimum 600 mm long insulation required for Alupex pipe.

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.5.3.1 Double side penetration seal with pipes

| Services                                                  | Insulation                                         | Classification                                |
|-----------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|
| Copper or steel pipes up to 54 mm diameter/1-14.2 mm wall | Min. 20 mm stone wool<br>min. 80 kg/m <sup>3</sup> | EI 120 C/C                                    |
| Alupex composite pipe 75 mm diameter/7.5 mm wall          | 600 mm length of 25 mm<br>Mineral Fibre BIO        | EI 60 U/U, EI 60 U/C,<br>EI 60 C/U. EI 60 C/C |

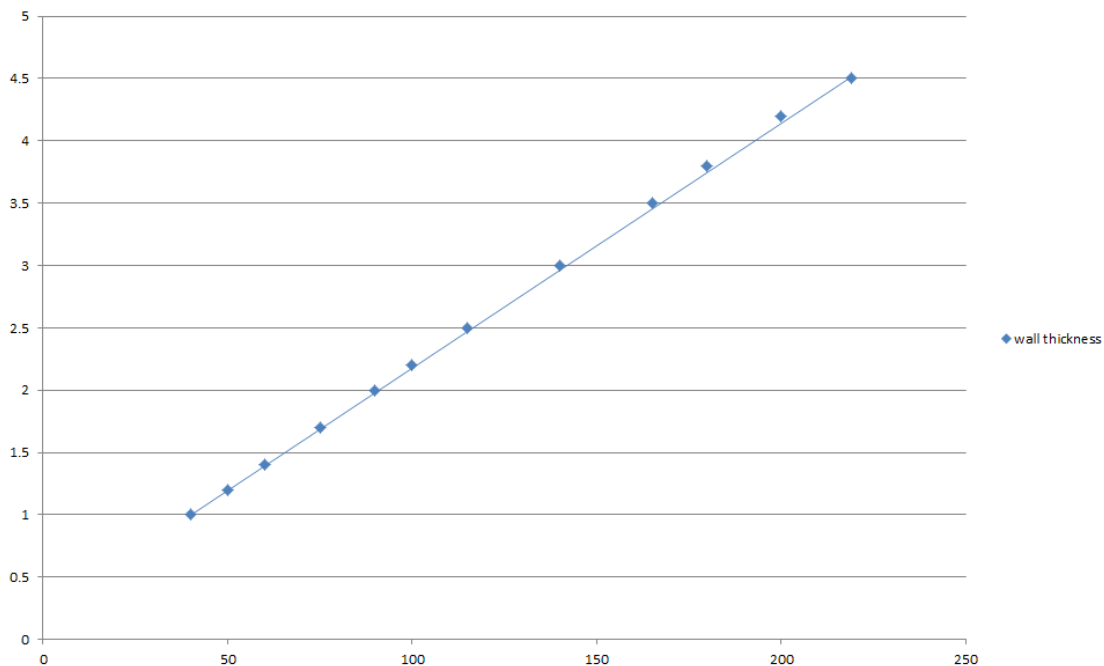
#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

| Services                          | Insulation, minimum thickness and density | Classification       |
|-----------------------------------|-------------------------------------------|----------------------|
| Mild or stainless steel pipe      |                                           |                      |
| 40 mm diameter/1-14.2 mm wall     | 20 mm stone wool 80 kg/m <sup>3</sup>     | EI 120 C/U           |
| 40 mm diameter/1-14.2 mm wall*    | 30 mm stone wool 80 kg/m <sup>3</sup>     | E 120 C/U, EI 90 C/U |
| 50 mm diameter/1.2-14.2 mm wall*  |                                           |                      |
| 60 mm diameter/1.4-14.2 mm wall*  |                                           |                      |
| 75 mm diameter/1.7-14.2 mm wall*  |                                           |                      |
| 90 mm diameter/2-14.2 mm wall*    |                                           |                      |
| 100 mm diameter/2.2-14.2 mm wall* |                                           |                      |
| 115 mm diameter/2.5-14.2 mm wall* |                                           |                      |
| 140 mm diameter/3-14.2 mm wall*   |                                           |                      |
| 165 mm diameter/3.5-14.2 mm wall* |                                           |                      |
| 180 mm diameter/3.8-14.2 mm wall* |                                           |                      |
| 200 mm diameter/4.2-14.2 mm wall* |                                           |                      |
| 219 mm diameter/4.5-14.2 mm wall* |                                           |                      |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**



#### Declaration of Performance

Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

176/189

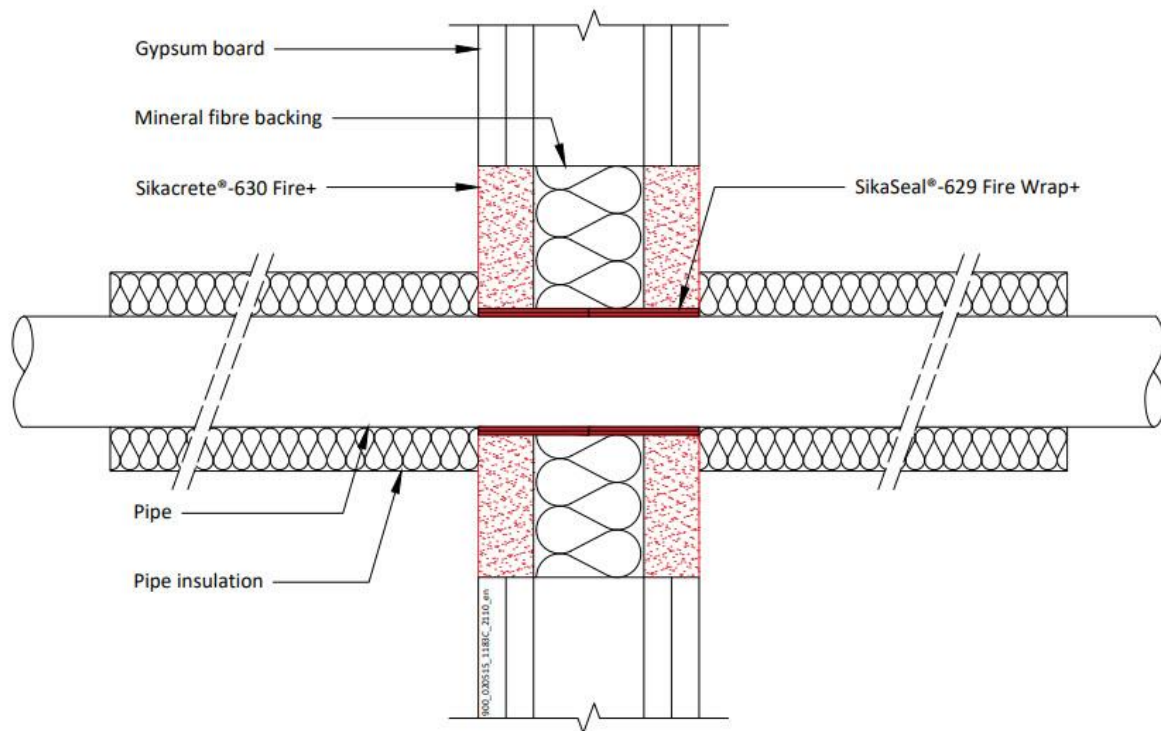
**BUILDING TRUST**



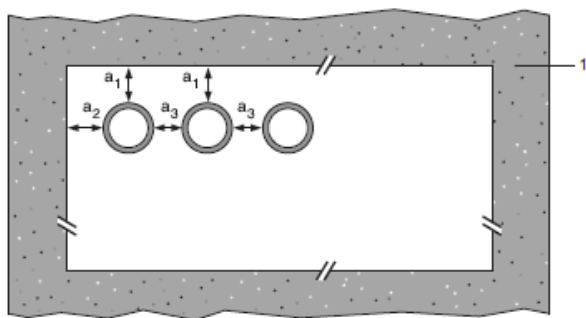
#### A.5.4 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

**Penetration Seal:** 500 mm (min.)\* LI (Local Interrupted) or CI (Continuous Interrupted) insulated metallic (and composite) pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall backed with min. 1 x 50 mm or 2 x 25 mm stone wool board min. 150 kg/m<sup>3</sup>. Maximum seal size as section 2. 4)

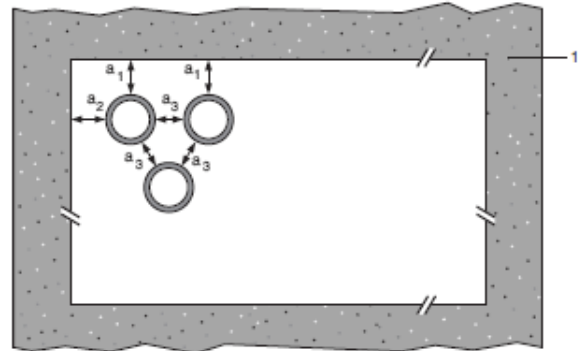
Construction details:



Configuration 1



Configuration 2



#### Key

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

#### Declaration of Performance

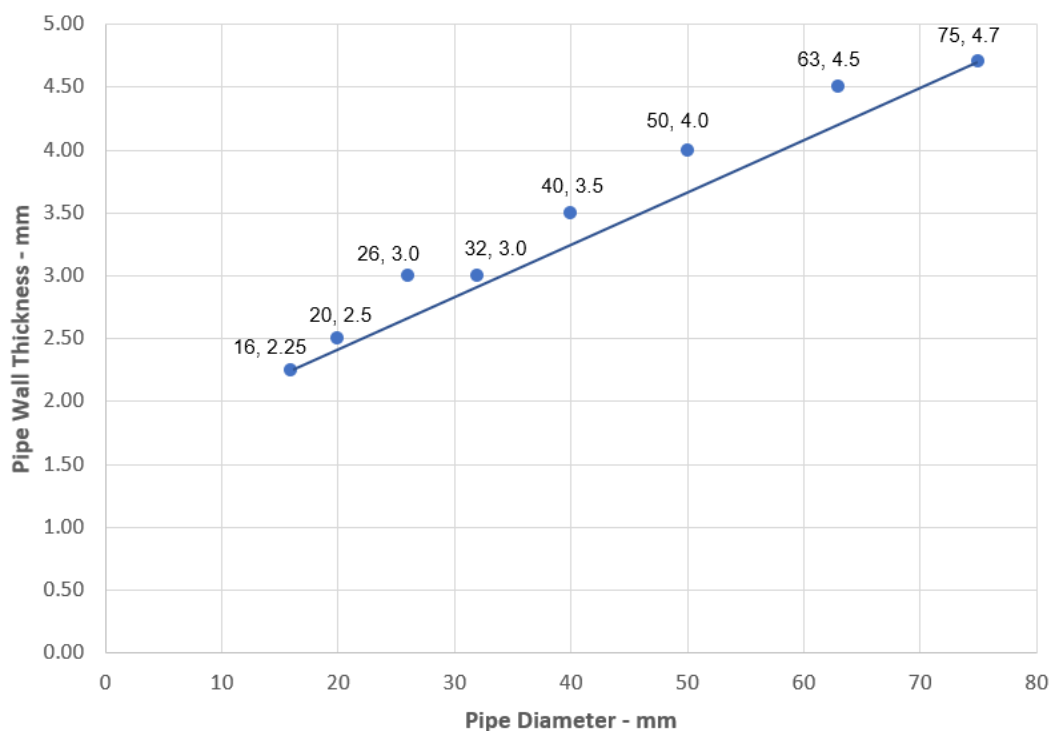
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

#### A.5.4.1 Double side penetration seal with pipes

| Services                    | Insulation                                             | Classification |
|-----------------------------|--------------------------------------------------------|----------------|
| Alupex pipes                |                                                        |                |
| 16 mm diameter/2.25 mm wall | Minimum 20 mm stone wool, minimum 80 kg/m <sup>3</sup> | EI 120 C/C     |
| 20 mm diameter/2.5 mm wall  |                                                        |                |
| 26 mm diameter/3 mm wall    |                                                        |                |
| 32 mm diameter/3 mm wall    |                                                        |                |
| 40 mm diameter/3.5 mm wall  |                                                        |                |
| 50 mm diameter/4 mm wall    |                                                        |                |
| 63 mm diameter/4.5 mm wall  |                                                        |                |
| 75 mm diameter/4.7 mm wall  |                                                        |                |

\* Typical pipe diameters shown, see below graph for intermediate sizes

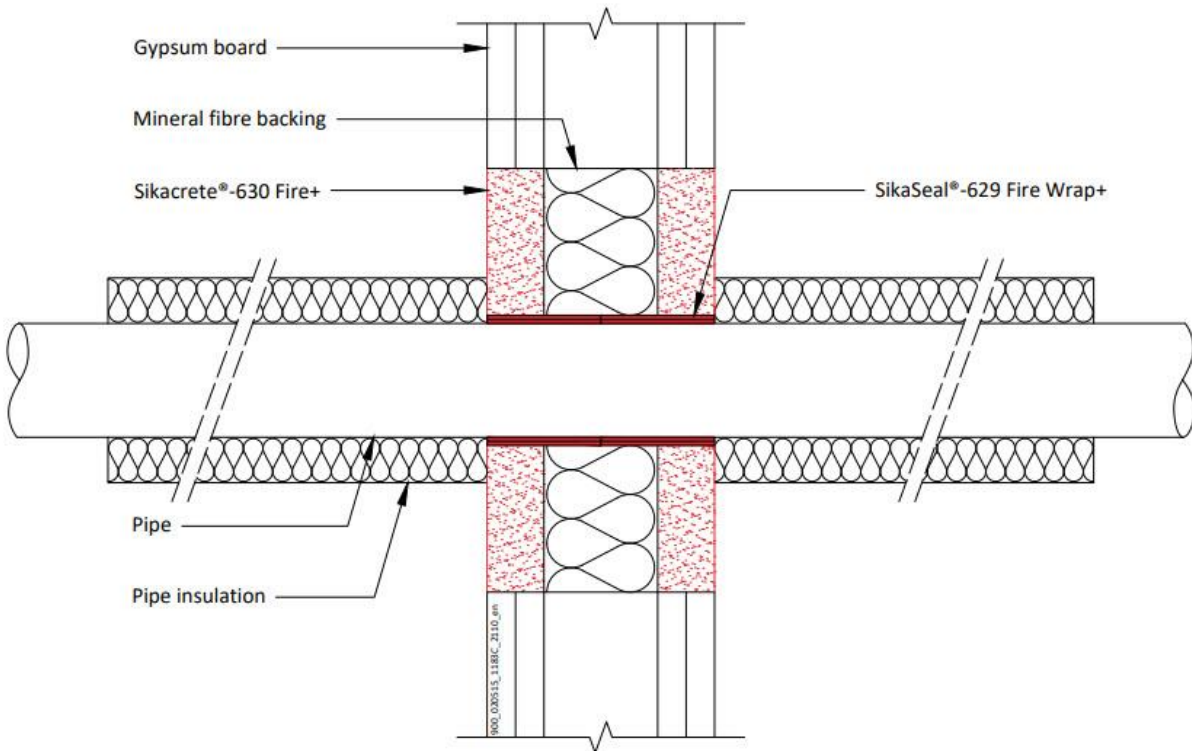
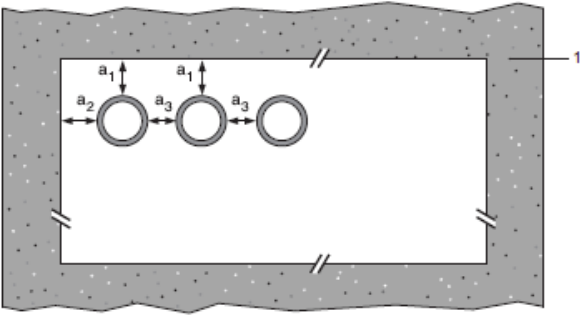
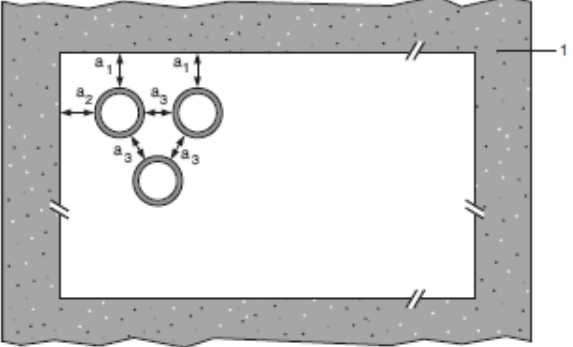
**Pipe diameter vs Wall thickness - Alupex Pipes  
with Insulation LI**



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

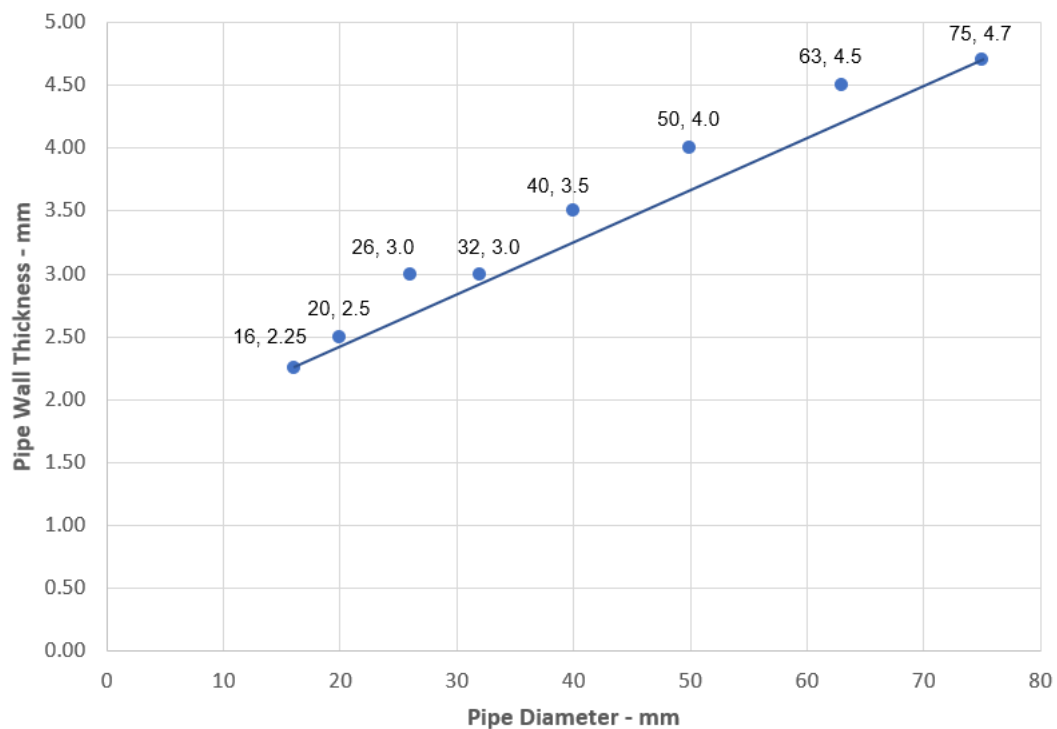
### A.5.5 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board

|                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> CS (Continuous Sustained) insulated metallic and composite pipes fitted at any position within the aperture (min. separation 25 mm from seal edges), with min. 25 mm Sikacrete-630 Fire+ to both sides of the wall, backed with min. 25 mm stone wool min. 150 kg/m3*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal. Maximum seal size as section 2. 4).</p> |                                                                                                             |
| <p>Construction details:</p>                                                                                                                                                                                                                                                                                                         |                                                                                                             |
| <p>Configuration 1</p>                                                                                                                                                                                                                                                                                                               | <p>Configuration 2</p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                                                                                                                          |                                                                                                             |

#### A.5.5.1 Double side penetration seal with pipes

| Services                        | Wrap                                                                          | Insulation                                                                          | Classification |
|---------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
| Copper and steel pipes          |                                                                               |                                                                                     |                |
| 12-54 mm diameter/1-1.2 mm wall | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+ fitted to both<br>sides of the seal | 9-25 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or PE<br>Foam insulation | EI 120 C/C     |
| Alupex pipes                    |                                                                               |                                                                                     |                |
| 16 mm diameter/2.25 mm wall     | 50 x 3.6 mm<br>SikaSeal-629 Fire<br>Wrap+ fitted to both<br>sides of the seal | 9-25 mm Elastomeric<br>insulation minimum<br>class B-s3,d0 or PE<br>Foam insulation | EI 120 C/C     |
| 20 mm diameter/2.5 mm wall      |                                                                               |                                                                                     |                |
| 26 mm diameter/3 mm wall        |                                                                               |                                                                                     |                |
| 32 mm diameter/3 mm wall        |                                                                               |                                                                                     |                |
| 40 mm diameter/3.5 mm wall      |                                                                               |                                                                                     |                |
| 50 mm diameter/4 mm wall        |                                                                               |                                                                                     |                |
| 63 mm diameter/4.5 mm wall      |                                                                               |                                                                                     |                |
| 75 mm diameter/4.7 mm wall      |                                                                               |                                                                                     |                |

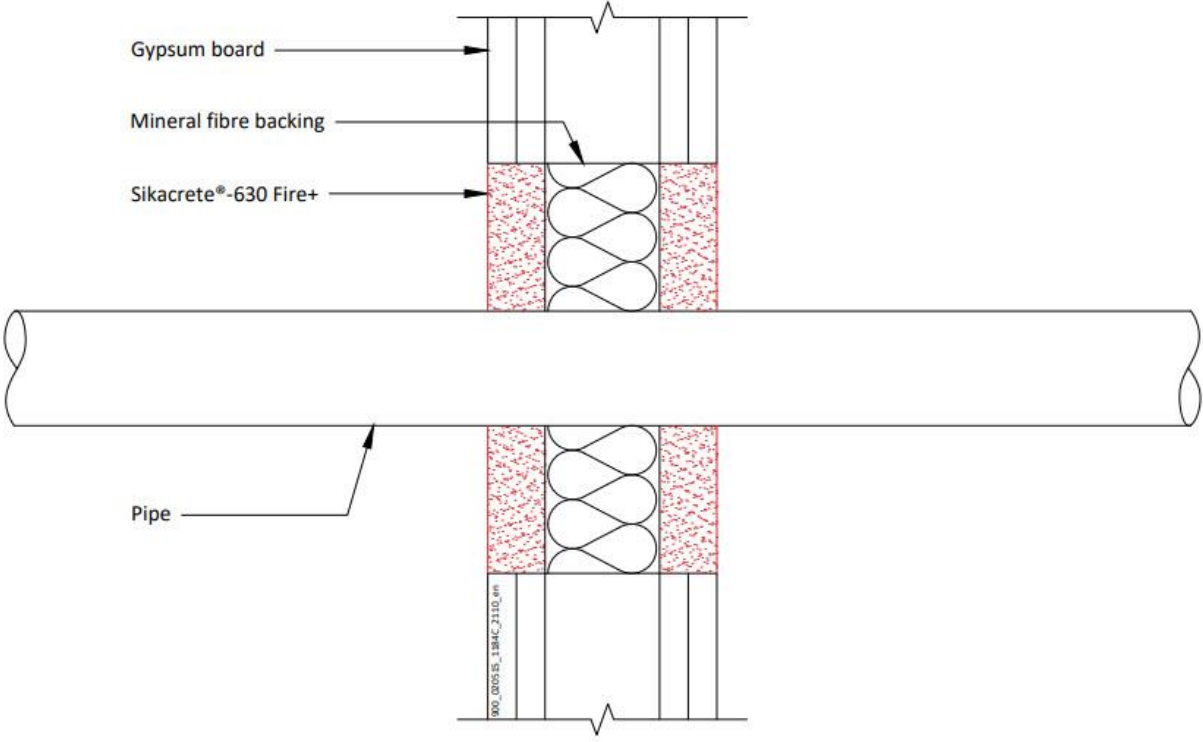
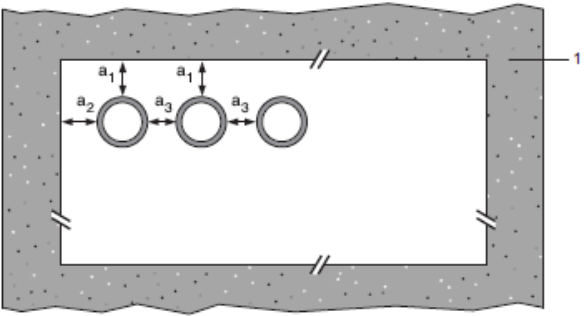
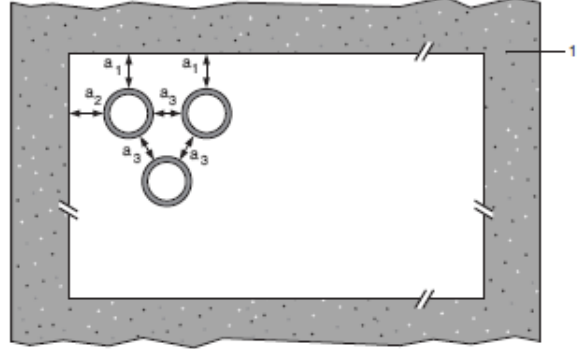
**Pipe diameter vs Wall thickness - Alupex Pipes  
with Insulation CS**



#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

**A.5.6 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board**

|                                                                                                                                                                                                                                                                                                                         |                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <p><b>Penetration Seal:</b> Combustible pipes sealed with Sikacrete-630 Fire+, to both sides of the wall, backed with stone wool board min. 140 kg/m³. Minimum separation between pipes of 30 mm (a<sub>3</sub>) and from seal edges 30 mm (a<sub>1</sub> &amp; a<sub>2</sub>). Maximum seal size as section 2. 4).</p> |                                                                                                                    |
| <p>Construction details:</p>                                                                                                                                                                                                         |                                                                                                                    |
| <p><b>Configuration 1</b></p>                                                                                                                                                                                                        | <p><b>Configuration 2</b></p>  |
| <p><b>Key</b></p> <p>1 Supporting construction</p> <p>a1 Pipe / top edge of seal separation</p> <p>a2 Pipe / side edge of seal separation</p> <p>a3 Pipe / pipe separation</p>                                                                                                                                          |                                                                                                                    |

#### A.5.6.1 Double side penetration seal with pipes

| Services                                                                                                                                  | Seal Depth | Permitted configuration for seal separation | Classification  |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------|-----------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1, PVC-C according to EN 1566-1                                                 |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.6 – 2.4 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.8 – 3.0 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |
| PP pipes according to EN 1852-1: 2009                                                                                                     |            |                                             |                 |
| Diameter up to 32 mm, wall thickness 1.9 – 4.4 mm                                                                                         | Min. 25 mm | 1 & 2 between all specified pipes           | EI 120 U/C, C/C |

#### Declaration of Performance

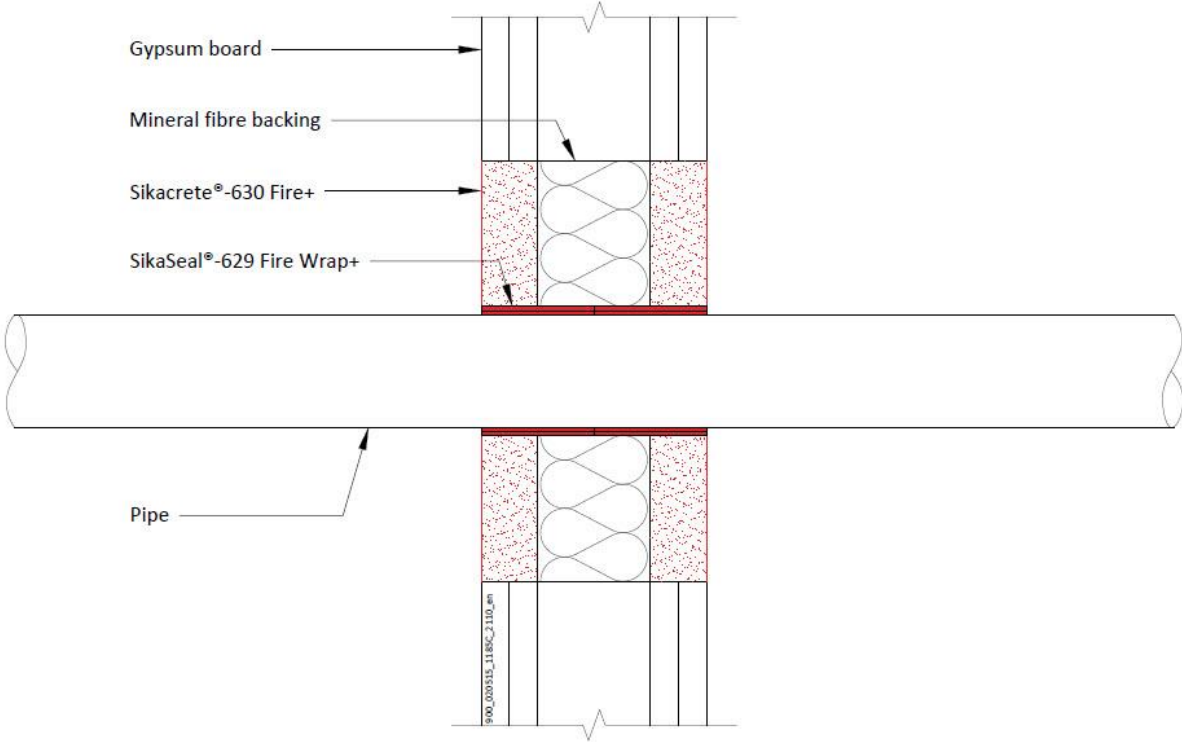
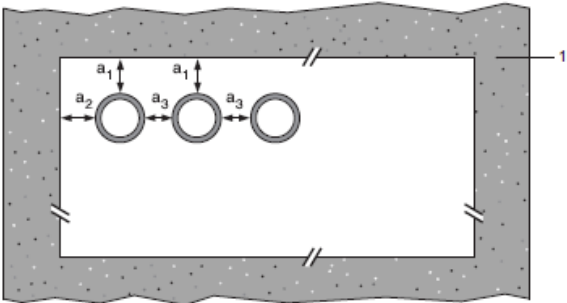
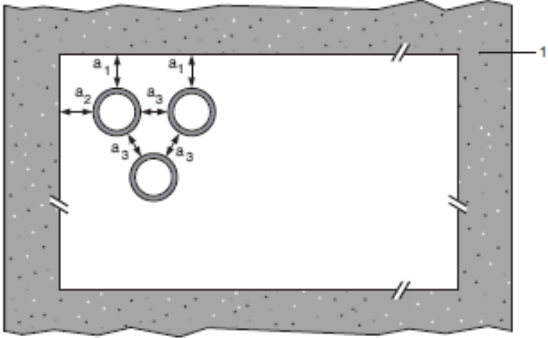
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

**A.5.7 Pipe penetration seal with 25 mm deep Sikacrete-630 Fire+ to both faces backed with 50 mm mineral fibre board**

|                                                                                                                                                                                                                                     |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Penetration Seal:</b> Combustible pipes sealed with SikaSeal-629 Fire Wrap+, installed into Sikacrete-630 Fire+ seals. Minimum separation between penetration seals and seal edges of 30 mm. Minimum seal size as section 2. 4). |                                                                                                             |
| Construction details:                                                                                                                            |                                                                                                             |
| <b>Configuration 1</b>                                                                                                                           | <b>Configuration 2</b>  |
| <b>Key</b><br>1 Supporting construction<br>a1 Pipe / top edge of seal separation<br>a2 Pipe / side edge of seal separation<br>a3 Pipe / pipe separation                                                                             |                                                                                                             |

\* Partition wall must incorporate a full fill core insulation of Stonewool (35kg/m3 density)

### A.5.7.1 Double side penetration seal with pipes

| Services                                                                                                                                  | Wraps<br>(both sides)          | Permitted configuration<br>for seal separation                                  | Classification                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------|
| PVC-U pipes according to EN 1329-1, EN 1452-2 and EN 1453-1 and PVC-C according to EN 1566-1                                              |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 3.0 – 4.3 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | E 120 U/C, E 120 C/U,<br>EI 60 U/C, EI 60 C/C |
| Diameter up to 110 mm, wall thickness 2.7 - 6.6 mm                                                                                        | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 125 mm, wall thickness 3.7 – 7.4 mm                                                                                        | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 160 mm, wall thickness 3.2 - 9.5 mm                                                                                        | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | EI 60 U/C, EI 60 C/C                          |
| PE pipes according to EN 1519-1, EN 12201-2 and EN 12006-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1 |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 3.2 – 3.7 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 110 mm, wall thickness 4.2 - 10 mm                                                                                         | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | EI 60 U/C, EI 60 C/C                          |
| Diameter up to 125 mm, wall thickness 12 mm                                                                                               | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 160 mm, wall thickness 4.9 – 12.0 mm                                                                                       | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C                          |
| Diameter up to 160 mm, wall thickness 12.0 mm                                                                                             |                                |                                                                                 | EI 90 U/C, EI 90 C/C                          |
| PP pipes according to EN 1852-1: 2009                                                                                                     |                                |                                                                                 |                                               |
| Diameter up to 40 mm, wall thickness 4.0 – 5.5 mm                                                                                         | 50 x 1.8 mm<br>(1 layer)       | 1 & 2 between PVC-U/PVC-C,<br>PE/ABS/SAN+PVC and PP<br>pipes in any combination | EI 120 U/C, EI 120 C/C                        |
| Diameter up to 110 mm, wall thickness 6.6 mm                                                                                              | 50 x 3.6 mm<br>(2 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 125 mm, wall thickness 17.1 mm                                                                                             | 50 x 5.4 mm<br>(3 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C<br>EI 90 U/C, EI 90 C/C  |
| Diameter up to 160 mm, wall thickness 4.0 - 21.9 mm                                                                                       | 50 x 7.2 mm<br>(4 x 1.8 layer) |                                                                                 | E 120 U/C, E 120 C/C                          |
| Diameter up to 160 mm, wall thickness 21.9 mm                                                                                             |                                |                                                                                 | EI 60 U/C, EI 60 C/C                          |

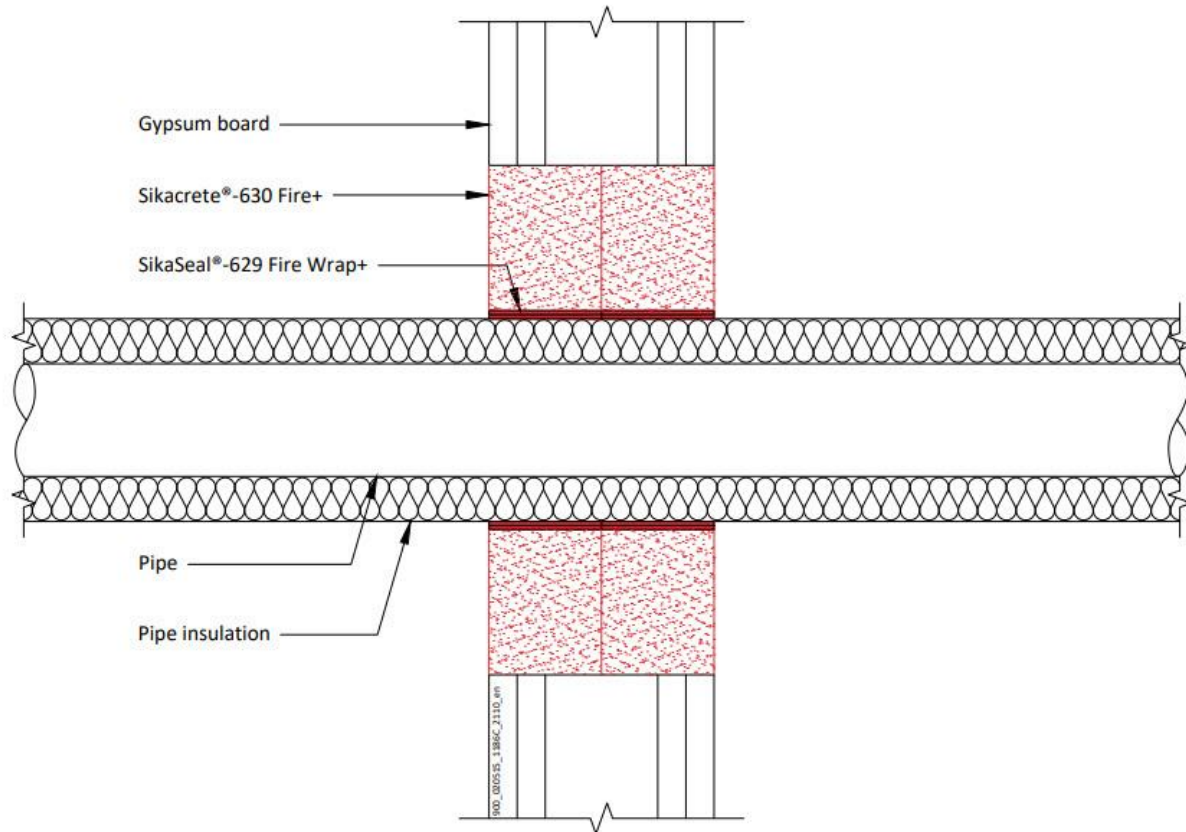
### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

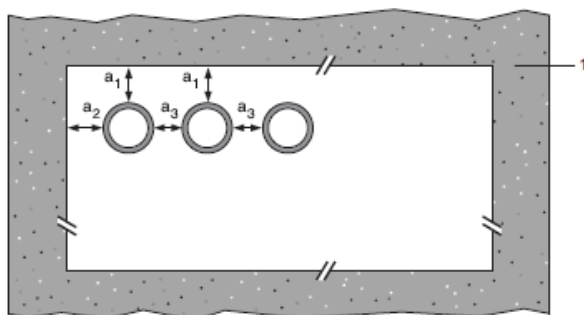
### A.5.8 Pipe penetration seal with 50 mm deep Sikacrete-630 Fire+ to both faces

**Penetration Seal:** CS (Continuous Sustained) insulated metallic pipes fitted at any position within the aperture (min. separation 30 mm from seal edges), min. 50 mm Sikacrete-630 Fire+ to both sides of the wall without backing\*. SikaSeal-629 Fire Wrap+ are required to be fitted to both faces of the seal.

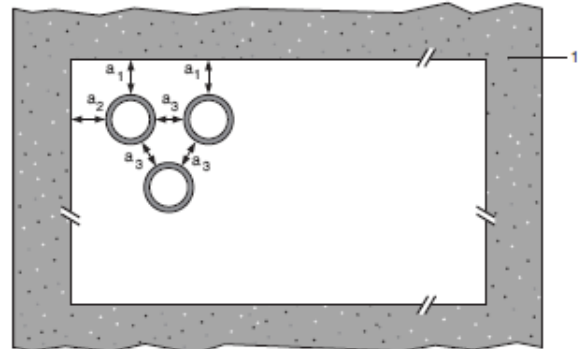
Construction details:



Configuration 1



Configuration 2



**Key**

- 1 Supporting construction
- a1 Pipe / top edge of seal separation
- a2 Pipe / side edge of seal separation
- a3 Pipe / pipe separation

\* Maximum seal size as section 2. 4)

**Declaration of Performance**

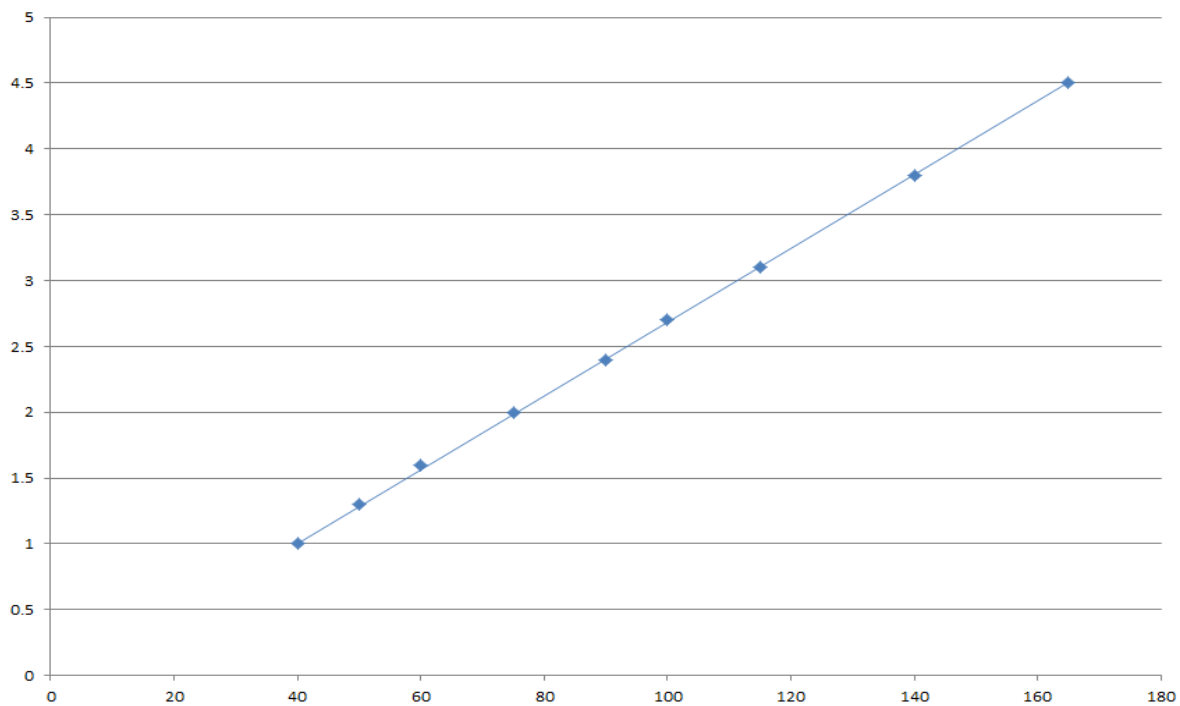
Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

### A.5.8.1 Double side penetration seal with pipes

| Services                           | Wrap                                                                             | Insulation                                                                   | Classification              |
|------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------|
| Mild or stainless steel pipe       |                                                                                  |                                                                              |                             |
| 40 mm diameter/1-14.2 mm wall*     | 2 off 50 x 3.6 mm SikaSeal-629 Fire Wrap+, one fitted flush to each face of seal | 13 -32 mm Elastomeric insulation minimum class B-s3,d0 or PE Foam insulation | <b>E 120 C/U, EI 60 C/U</b> |
| 50 mm diameter/1.3-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 60 mm diameter/1.6-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 75 mm diameter/2-14.2 mm wall*     |                                                                                  |                                                                              |                             |
| 90 mm diameter/2.4-14.2 mm wall*   |                                                                                  |                                                                              |                             |
| 100 mm diameter/2.7-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 115 mm diameter/3.1-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 140 mm diameter/3.8-14.2 mm wall*  |                                                                                  |                                                                              |                             |
| 165 mm diameter/ 4.5-14.2 mm wall* |                                                                                  |                                                                              |                             |

\* Typical pipe diameters shown, see below graph for intermediate sizes

**Pipe diameter vs Wall thickness**

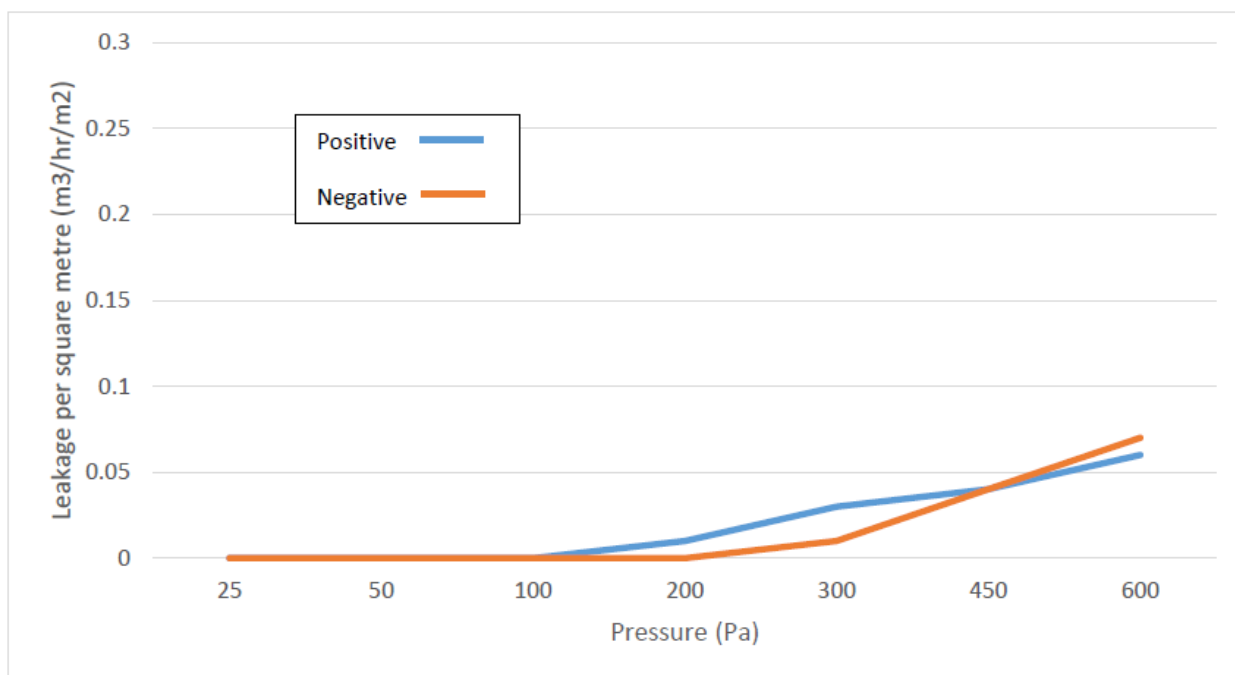


### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## ANNEX B – AIR PERMEABILITY – SIKACRETE-630 FIRE+

| Product tested                          | 1200 mm high x 600 mm wide x 50 mm deep Sikacrete-630 Fire+ |                             |                                             |
|-----------------------------------------|-------------------------------------------------------------|-----------------------------|---------------------------------------------|
| Summary of testing procedure            |                                                             |                             | Result                                      |
|                                         | Pressure (Pa)                                               | Leakage (m <sup>3</sup> /h) | Leakage (m <sup>3</sup> /m <sup>2</sup> /h) |
| Results under negative chamber pressure | 25                                                          | 0.00                        | 0.00                                        |
|                                         | 50                                                          | 0.00                        | 0.00                                        |
|                                         | 100                                                         | 0.00                        | 0.00                                        |
|                                         | 200                                                         | 0.00                        | 0.00                                        |
|                                         | 300                                                         | 0.01                        | 0.01                                        |
|                                         | 450                                                         | 0.03                        | 0.04                                        |
|                                         | 600                                                         | 0.05                        | 0.07                                        |
| Results under positive chamber pressure | 25                                                          | 0.00                        | 0.00                                        |
|                                         | 50                                                          | 0.00                        | 0.00                                        |
|                                         | 100                                                         | 0.00                        | 0.00                                        |
|                                         | 200                                                         | 0.01                        | 0.01                                        |
|                                         | 300                                                         | 0.02                        | 0.03                                        |
|                                         | 450                                                         | 0.03                        | 0.04                                        |
|                                         | 600                                                         | 0.04                        | 0.06                                        |



### Declaration of Performance

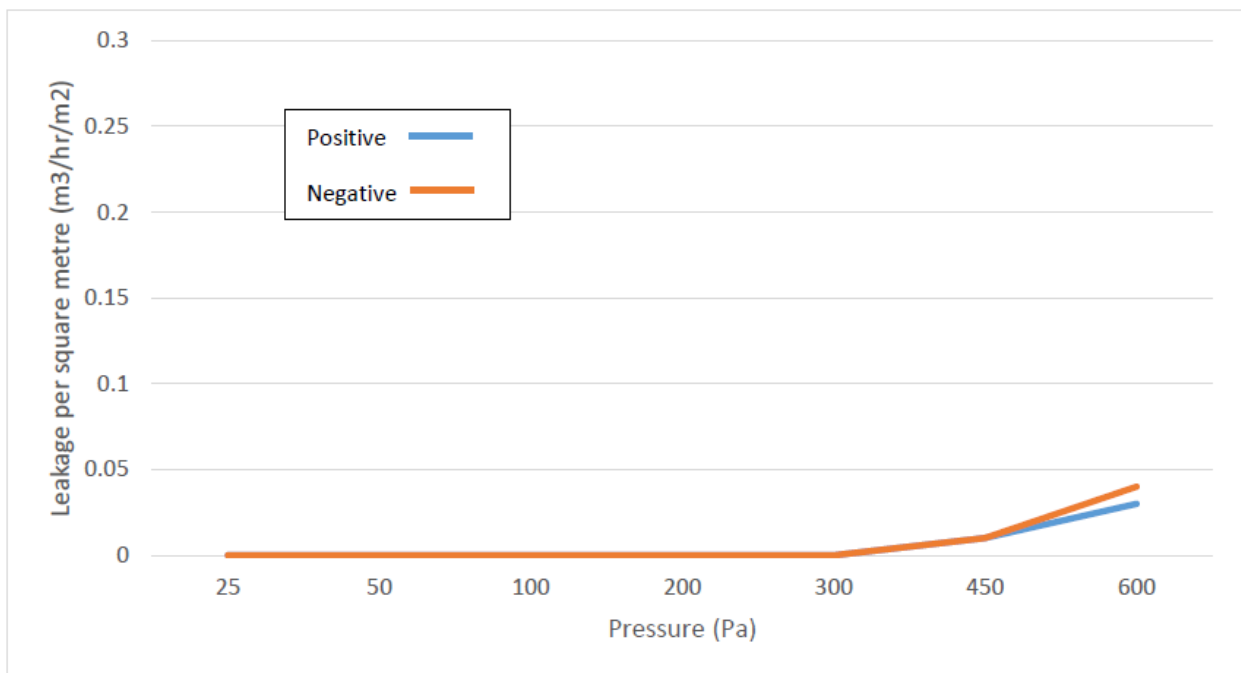
Sikacrete-630 Fire+

20537727

2025.01, ver. 1

1549

|                                         |                                                                                                                                                                                |                             |                                             |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------|
| Product tested                          | 600 mm high x 600 mm wide x 100 mm deep Sikacrete-630 Fire+ inc. 110 mm plastic pipe with 2no layers 50 mm x 1.8 mm SikaSeal-629 Fire Wrap+ cast to one face in centre of seal |                             |                                             |
| Summary of testing procedure            |                                                                                                                                                                                |                             | Result                                      |
|                                         | Pressure (Pa)                                                                                                                                                                  | Leakage (m <sup>3</sup> /h) | Leakage (m <sup>3</sup> /m <sup>2</sup> /h) |
| Results under negative chamber pressure | 25                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 50                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 100                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 200                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 300                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 450                                                                                                                                                                            | 0.01                        | 0.01                                        |
|                                         | 600                                                                                                                                                                            | 0.03                        | 0.04                                        |
| Results under positive chamber pressure | 25                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 50                                                                                                                                                                             | 0.00                        | 0.00                                        |
|                                         | 100                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 200                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 300                                                                                                                                                                            | 0.00                        | 0.00                                        |
|                                         | 450                                                                                                                                                                            | 0.01                        | 0.01                                        |
|                                         | 600                                                                                                                                                                            | 0.02                        | 0.03                                        |



|                                                      |
|------------------------------------------------------|
| EAD 350454-00-1104:2017                              |
| Notified Body 2531                                   |
| Fire Stopping and Sealing Product: Penetration Seals |

<http://dop.sika.com>

#### Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

## CE MARK TO BE PLACED ON THE LABEL

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| <br>21 |
| Sika Services AG, Zurich, Switzerland                                                   |
| 20537727                                                                                |
| For details see accompanying documents                                                  |
| EAD 350454-00-1104:2017                                                                 |
| Notified Body 2531                                                                      |
| Fire Stopping and Sealing Product: Penetration Seals                                    |

<http://dop.sika.com>

## EKOLOGI, HÄLSA OCH SÄKERHETSINFORMATION (REACH)

För information och råd om säker hantering, lagring och avfallshantering av kemiska produkter, ska användarna konsultera det senaste säkerhetsdatabladet (SDB) innehållande fysiska, ekologiska, toxikologiska och annan säkerhetsrelaterad information.

## LAGSTIFTNING

Informationen och i synnerhet rekommendationerna avseende applikation och slutanvändning av Sikaprodukterna lämnas i god tro baserat på Sikas nuvarande kunskap och erfarenhet av produkterna när dessa lagras, hanteras och används under normala förhållanden på ett korrekt sätt. I praktiken kan differenserna i material, underlag och den aktuella platsen variera på sådant sätt att ingen garanti vad gäller användbarhet eller lämplighet för ett visst ändamål kan lämnas. Med hänsyn härtill kan något rättsligt ansvar av vad slag det må vara varken härledas från denna information eller från någon skriftlig rekommendation eller i övrigt beträffande produkten lämnade råd. Hänsyn måste vid användningen även tas till tredje mans ägande och andra eventuella rättigheter. Alla order accepteras under förutsättningen av att Sikas aktuella försäljnings- och leveransbestämmelser är gällande. Användaren skall alltid använda sig av den senaste utgåvan av den aktuella produktens tekniska datablad, vilket kan erhållas vid förfrågan eller på hemsidan [www.sika.se](http://www.sika.se).

Sika Sverige AB  
Domnarvsgatan 15  
163 53 Spånga  
Sverige  
[www.sika.se](http://www.sika.se)

## Declaration of Performance

Sikacrete-630 Fire+  
20537727  
2025.01, ver. 1  
1549

189/189

**BUILDING TRUST**

