

Sikacryl®-625 Fire+

DECLARATION OF PERFORMANCE No. 43483832

1	PRODUKTTYPENS UNIKA IDENTIFIKATIONSKOD:	43483832
2	AVSEDD ANVÄNDNING/ AVSEDDA ANVÄNDNINGAR:	Fire Stopping and Sealing Product: Linear Joint and Gap Seals
3	TILLVERKARE:	Sika Services AG Tüffenwies 16 8064 Zürich
4	SYSTEM FÖR BEDÖMNING OCH FORT- LÖPANDE KONTROLL AV PRESTANDA:	1
5b	EUROPEISKT BEDÖMNINGSDOKUMENT:	EAD 350141-00-1106, September 2017; Fire stopping and fire sealing products. Linear joint and gap seals
	Europeisk teknisk bedömning:	ETA 23/0961 of 30/04/2024
	Tekniskt bedömningsorgan:	UL International (Netherlands) B.V.
	Notified body/ies:	2531

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6 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	D – s1, d0	System 1	EAD 350141-00-1106:2017
Resistance to fire	Annex A	System 1	
Content, emission and/or release of dangerous substances	Use categories: IA1, S/W2 Declaration of manufacturer	System 1	
Air permeability (material property)	Annex B	System 1	
Water permeability (material property)	NPD	System 1	
Mechanical resistance and stability	NPD	System 1	
Resistance to impact/movement	NPD	System 1	
Adhesion	NPD	System 1	
Durability	Y ₁	System 1	
Movement capacity	NPD	System 1	
Cycling of perimeter seals for curtain walls	NPD	System 1	
Compression set	NPD	System 1	
Linear expansion on setting	NPD	System 1	
Airborne sound insulation*	R _w (C;Ctr) = 55 (-1;-1) dB	System 1	
Thermal properties	NPD	System 1	
Water vapour permeability	NPD	System 1	

* Sikacryl-625 Fire+ 1.0mm WFT on both sides of minimum 50mm thick stone wool mineral fibre board with density minimum 160kg/m³

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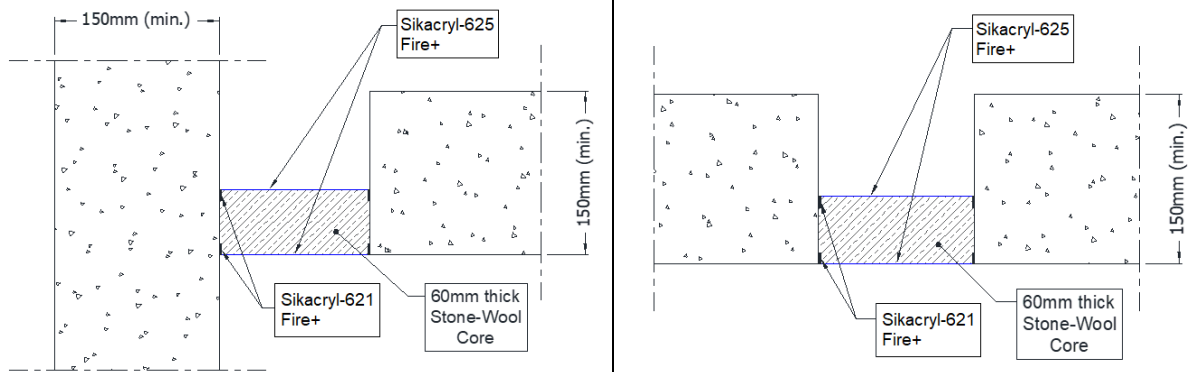
ANNEX A – Resistance to Fire Classification – Sikacryl-625 Fire+

A.1 Rigid floor constructions with thickness of minimum 150 mm

A.1.1 Linear joints in a horizontal construction, horizontal linear joints in a vertical construction and horizontal floor joints abutting a wall

Joint Seal: 60mm thick stone wool batt friction fitted fully within the cavity and sealed with Sikacryl-621 Fire+

Construction details:



A.1.1.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete	1 mm WFT min. both sides with Sikacryl-625 Fire+. Sealed at the joint and along the top and bottom edges with Sikacryl-621 Fire+	60 mm stone wool, mineral fibre batt min. 160 kg/m ³ at any position	E 240 – H – X – F – W120 EI 120 – H – X – F – W120
masonry/ concrete/ aluminium	1 mm WFT min. both sides with Sikacryl-625 Fire+. Sealed at the joint and along the edges on the top and bottom edges with Sikacryl-621 Fire+	60 mm stone wool, mineral fibre batt min. 160 kg/m ³ at any position	E 120 – H – X – F – W300 EI 60 – H – X – F – W300 ¹
masonry/ concrete/ aluminium/ steel		60 mm stone wool, mineral fibre batt min. 160 kg/m ³ top face position	E 120 – H – X – F – W600 (For EI performance recorded on the seal only, please see note ² below)

*Additional and for information only.

The classifications provided in Table A.1.1.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

In relation to each of the above classifications, temperatures recorded on the seal (exclusive of the supporting construction) exceeded the maximum allowable after the following times (rounded down):

¹ 90, ² 120

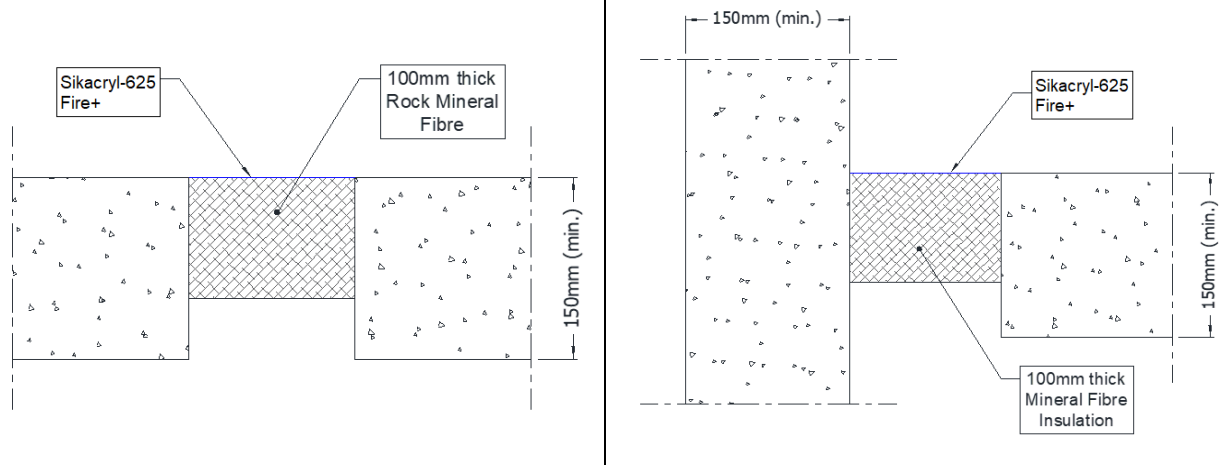
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A.1.2 Linear joints in a horizontal construction, horizontal linear joints in a vertical construction and horizontal floor joints abutting a wall

Joint Seal: 100mm thick Stone wool, mineral fibre insulation friction fitted at least 50 mm above the soffit and coated on the top face with Sikacryl-625 Fire+

Construction details:



A.1.2.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete	1 mm WFT min. top face	100 mm stone wool, mineral fibre min. 33 kg/m ³	E 240 – H – X – F – W120 EI 180 – H – X – F – W120
masonry/ concrete	1.2 mm WFT min. top face	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 20%	E 240 – H – X – F – W200 EI 240 – H – X – F – W200
masonry/ concrete/ aluminium/ steel			E 240 – H – X – F – W200 EI 15 – H – X – F – W200 ¹

*Additional and for information only.

The classifications provided in Table A.1.2.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

In relation to each of the above classifications, temperatures recorded on the seal (exclusive of the supporting construction) exceeded the maximum allowable after the following times (rounded down):

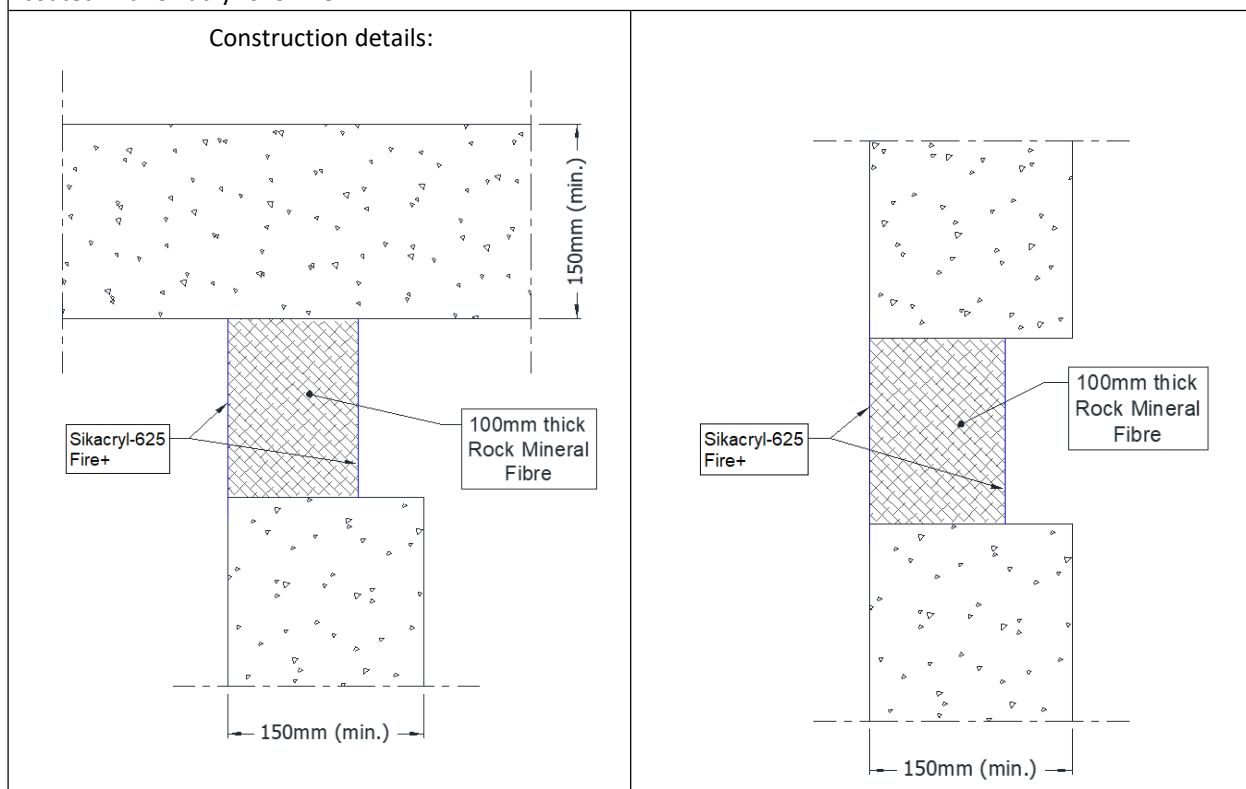
¹ 120

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A.1.3 Linear joints in a vertical construction and horizontal wall joints abutting a floor, ceiling or roof

Joint Seal: Mineral fibre insulation compression fitted to either face of the wall or at any position in between and coated with Sikacryl-625 Fire+



A.1.3.1

Substrate	Depth (mm)	Backing	Classification
masonry/ concrete	1.2 mm WFT min. both faces overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 35 kg/m ³ , compressed into gap by 40%	E 240 – T – X – F – W120 EI 180 – T – X – F – W120
	1.2 mm WFT min. single sided overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 33 kg/m ³ , compressed into gap by 40%	E 120 – T – X – F – W120 EI 30 – T – X – F – W120
	1.2 mm WFT min. both faces overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 10%	E 240 – V – X – F – W200 EI 120 – V – X – F – W200
	1.2 mm WFT min. single sided overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 10%	E 180 – V – X – F – W200 EI 30 – V – X – F – W200

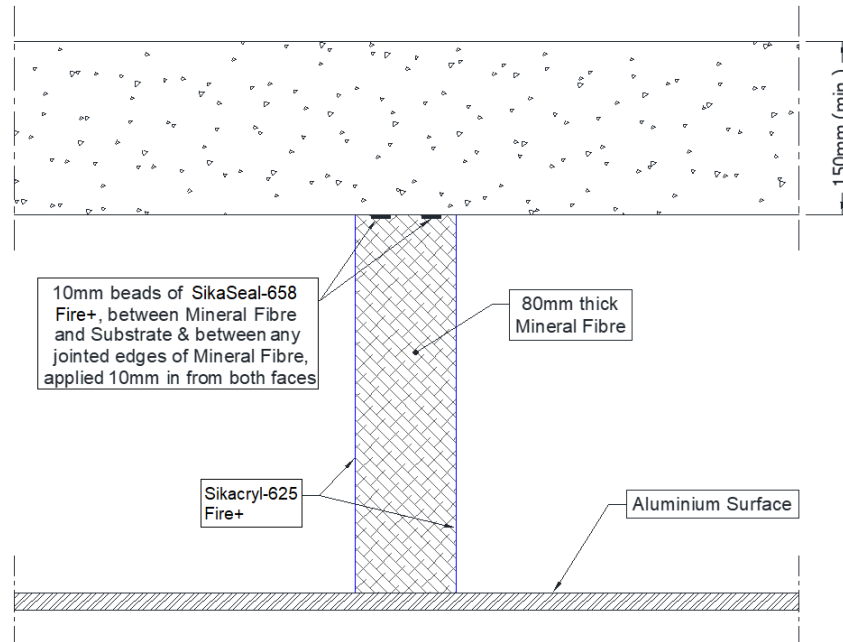
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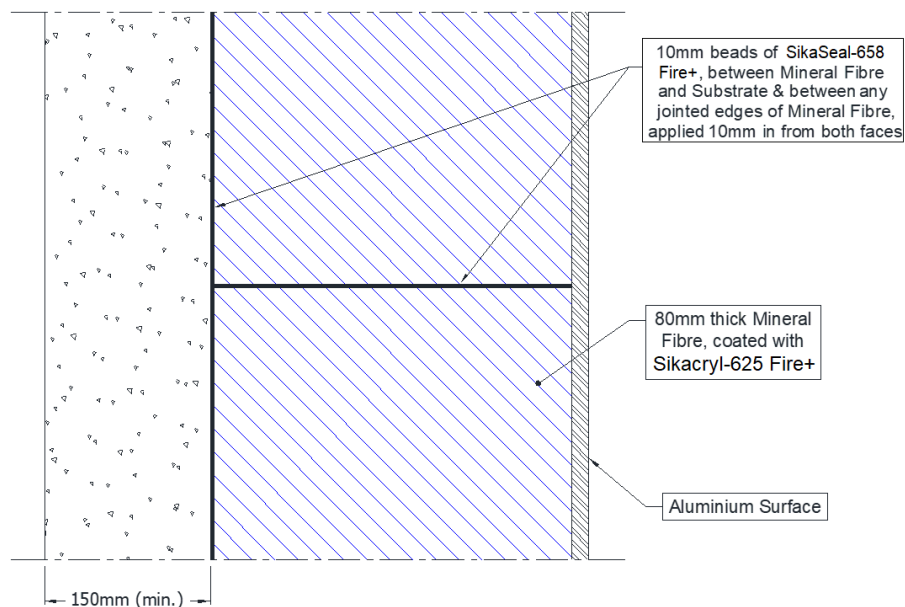
A.1.4 Vertical linear joints in a vertical construction

Joint Seal: Mineral fibre insulation compression fitted to either face of the wall or at any position in between and coated with Sikacryl-625 Fire+

Construction details: Plan View



Construction details: Side View



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A.1.4.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete/ aluminium	1 mm WFT min. both faces with Sikacryl-625 Fire+	80 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 20mm. Bonded to one vertical side of the construction and inbetween stone-wool with beads of SikaSeal-658 Fire+, leaving one vertical side not bonded but friction fitted	E 180 – V – X – F – W540 EI 30 – V – X – F – W540

*Additional and for information only.

The classifications provided in Table A.1.4.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

In relation to each of the above classifications, temperatures recorded on the seal (exclusive of the supporting construction) exceeded the maximum allowable after the following times (rounded down):

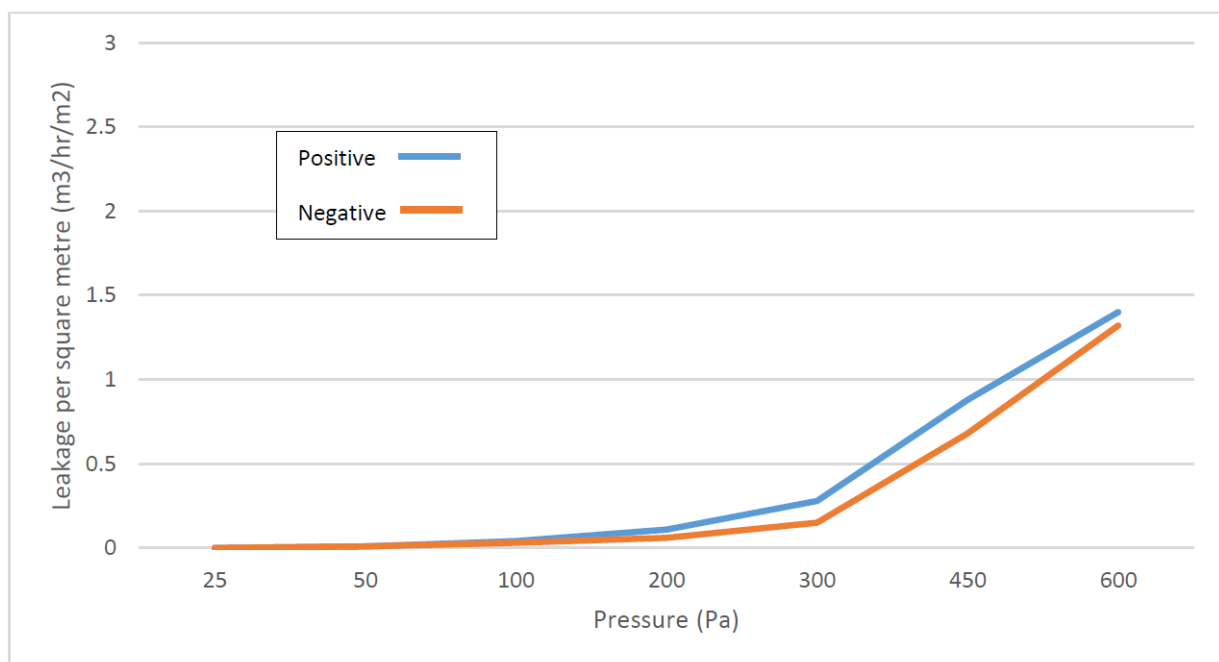
¹ 120

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ANNEX B – Air Permeability – SikaSeal-626 Fire Board+

Product tested	1200mm high x 600mm wide SikaSeal-626 Fire Board+ 50mm 2-S		
Summary of testing procedure			Result
	Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m ² /h)
Results under negative chamber pressure	25	0.00	0.00
	50	0.01	0.01
	100	0.02	0.03
	200	0.04	0.06
	300	0.11	0.15
	450	0.49	0.68
	600	0.95	1.32
Results under positive chamber pressure	25	0.00	0.00
	50	0.01	0.01
	100	0.03	0.04
	200	0.08	0.11
	300	0.2	0.28
	450	0.63	0.88
	600	1.01	1.40



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7 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 20 februari 2025

Namn: Jörgen Backman
Funktion: Produktchef
Spånga den 20 februari 2025



Slut på information i enlighet med Europaparlamentets och rådets förordning (EU) nr 305/2011 av den 9 mars 2011 om fastställande av harmoniserade villkor för saluföring av byggprodukter och upphävande av rådets direktiv 89/106/EEG Text av betydelse för EES.

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FULL CE MARKING LABEL

CE 25	
Sika Services AG, Zurich, Switzerland	
DoP No. 43483832	
Notified Body 2531	
Reaction to fire	D – s1, d0
Resistance to fire	Annex A
Content, emission and/or release of dangerous substances	Use categories: IA1, S/W2 Declaration of manufacturer
Air permeability (material property)	Annex B
Water permeability (material property)	NPD
Mechanical resistance and stability	NPD
Resistance to impact/movement	NPD
Adhesion	NPD
Durability	Y1
Movement capacity	NPD
Cycling of perimeter seals for curtain walls	NPD
Compression set	NPD
Linear expansion on setting	NPD
Airborne sound insulation*	Rw (C;Ctr) = 55 (-1;-1) dB
Thermal properties	NPD
Water vapour permeability	NPD

* Sikacryl-625 Fire+ 1.0mm WFT on both sides of minimum 50mm thick stone wool mineral fibre board with density minimum 160kg/m³

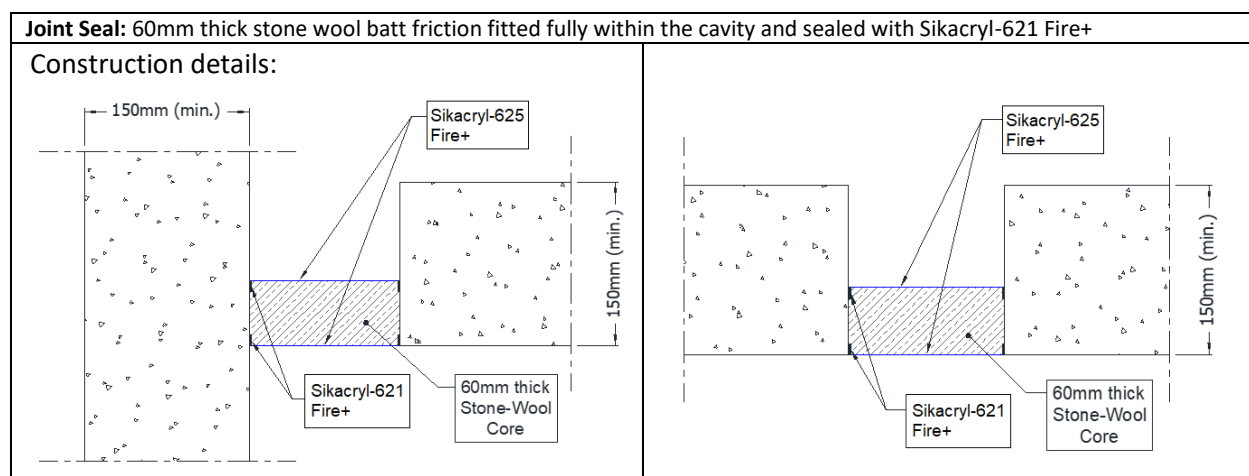
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ANNEX A – Resistance to Fire Classification – Sikacryl-625 Fire+

A.1 Rigid floor constructions with thickness of minimum 150 mm

A.1.1 Linear joints in a horizontal construction, horizontal linear joints in a vertical construction and horizontal floor joints abutting a wall



A.1.1.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete	1 mm WFT min. both sides with Sikacryl-625 Fire+. Sealed at the joint and along the top and bottom edges with Sikacryl-621 Fire+	60 mm stone wool, mineral fibre batt min. 160 kg/m ³ at any position	E 240 – H – X – F – W120 EI 120 – H – X – F – W120
masonry/ concrete/ aluminium	1 mm WFT min. both sides with Sikacryl-625 Fire+. Sealed at the joint and along the edges on the top and bottom edges with Sikacryl-621 Fire+	60 mm stone wool, mineral fibre batt min. 160 kg/m ³ at any position	E 120 – H – X – F – W300 EI 60 – H – X – F – W300 ¹
masonry/ concrete/ aluminium/ steel		60 mm stone wool, mineral fibre batt min. 160 kg/m ³ top face position	E 120 – H – X – F – W600 (For EI performance recorded on the seal only, please see note ² below)

*Additional and for information only.

The classifications provided in Table A.1.1.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

In relation to each of the above classifications, temperatures recorded on the seal (exclusive of the supporting construction) exceeded the maximum allowable after the following times (rounded down):

¹ 90, ² 120

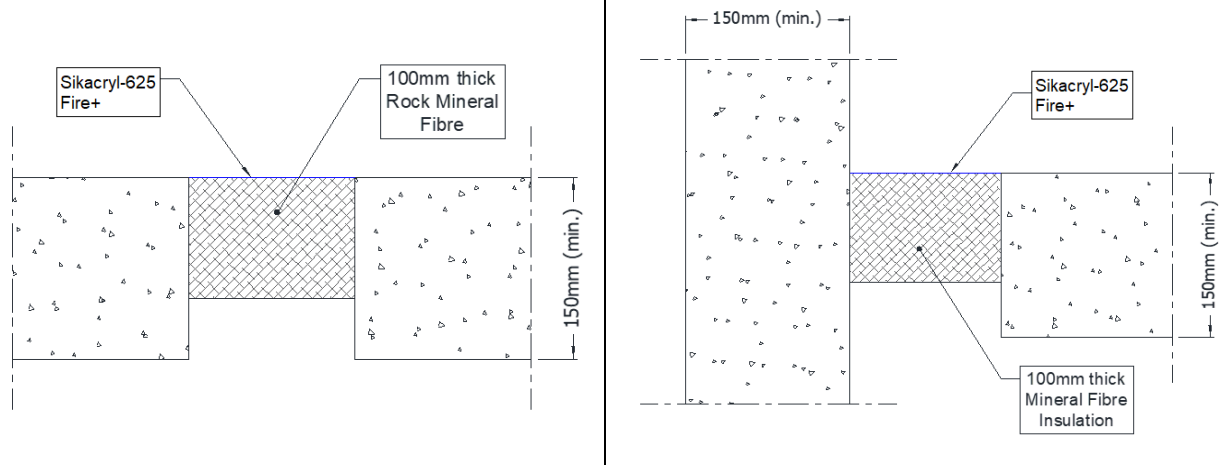
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A.1.2 Linear joints in a horizontal construction, horizontal linear joints in a vertical construction and horizontal floor joints abutting a wall

Joint Seal: 100mm thick Stone wool, mineral fibre insulation friction fitted at least 50 mm above the soffit and coated on the top face with Sikacryl-625 Fire+

Construction details:



A.1.2.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete	1 mm WFT min. top face	100 mm stone wool, mineral fibre min. 33 kg/m ³	E 240 – H – X – F – W120 EI 180 – H – X – F – W120
masonry/ concrete	1.2 mm WFT min. top face	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 20%	E 240 – H – X – F – W200 EI 240 – H – X – F – W200
masonry/ concrete/ aluminium/ steel			E 240 – H – X – F – W200 EI 15 – H – X – F – W200 ¹

*Additional and for information only.

The classifications provided in Table A.1.2.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

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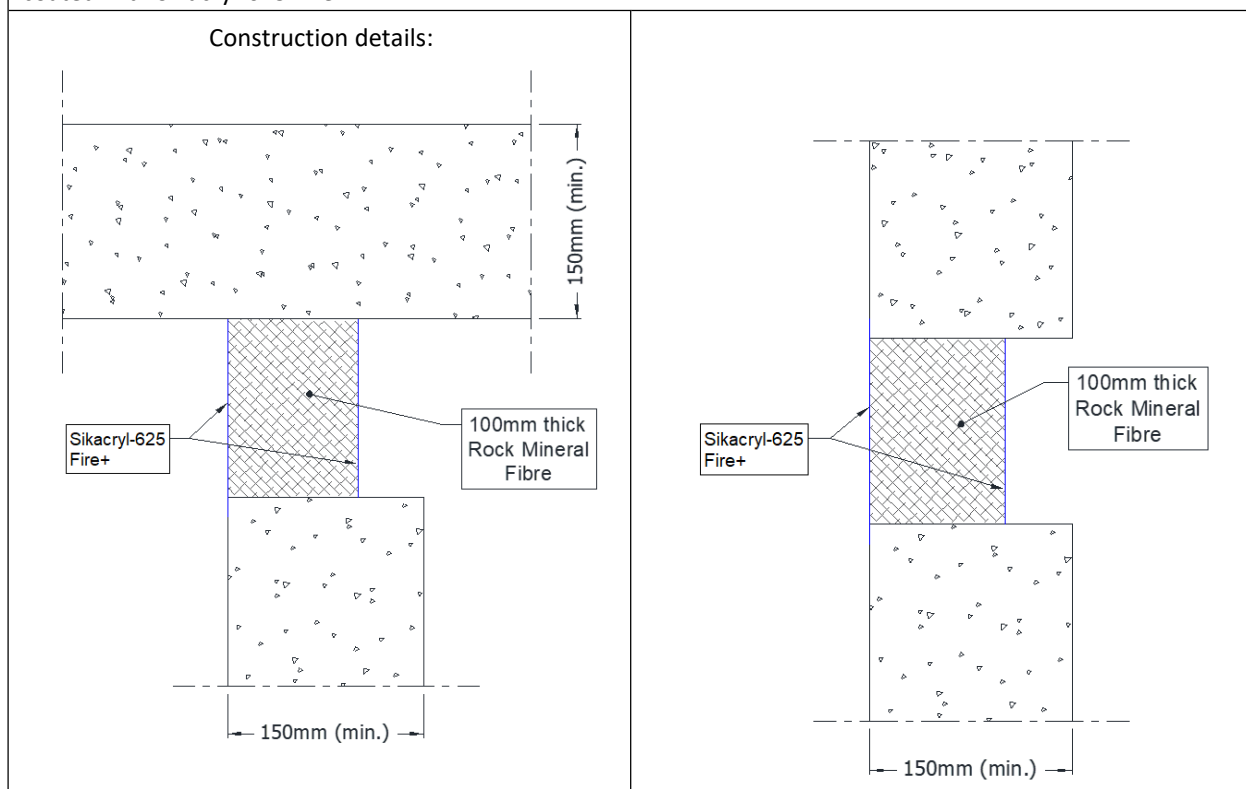
¹ 120

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A.1.3 Linear joints in a vertical construction and horizontal wall joints abutting a floor, ceiling or roof

Joint Seal: Mineral fibre insulation compression fitted to either face of the wall or at any position in between and coated with Sikacryl-625 Fire+



A.1.3.1

Substrate	Depth (mm)	Backing	Classification
masonry/ concrete	1.2 mm WFT min. both faces overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 35 kg/m ³ , compressed into gap by 40%	E 240 – T – X – F – W120 EI 180 – T – X – F – W120
	1.2 mm WFT min. single sided overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 33 kg/m ³ , compressed into gap by 40%	E 120 – T – X – F – W120 EI 30 – T – X – F – W120
	1.2 mm WFT min. both faces overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 10%	E 240 – V – X – F – W200 EI 120 – V – X – F – W200
	1.2 mm WFT min. single sided overlapped by 15 mm onto wall surface	100 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 10%	E 180 – V – X – F – W200 EI 30 – V – X – F – W200

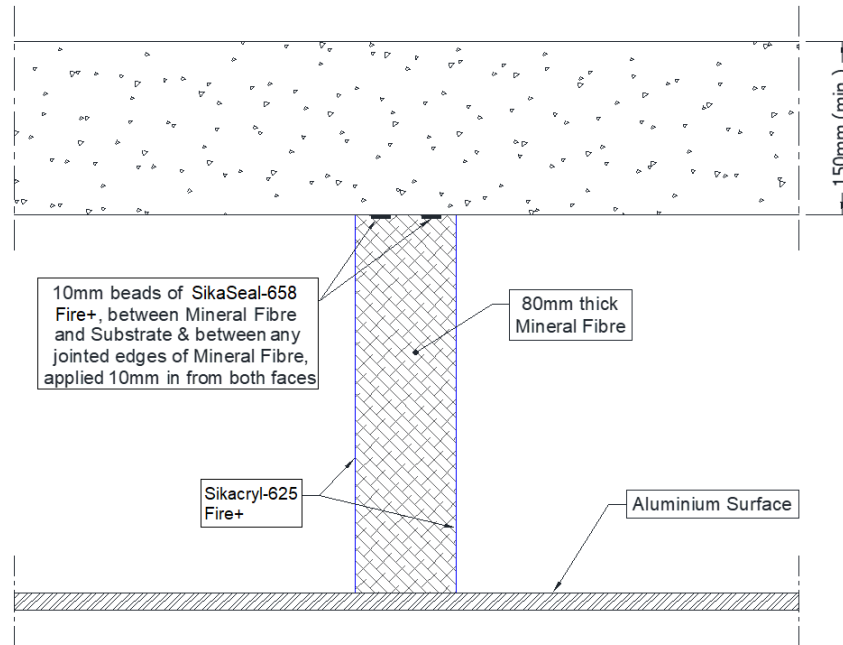
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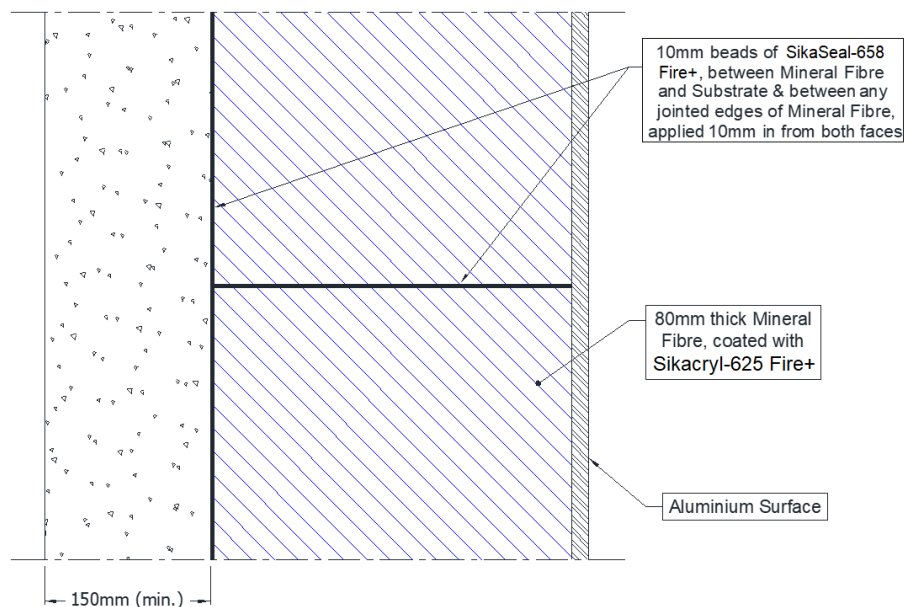
A.1.4 Vertical linear joints in a vertical construction

Joint Seal: Mineral fibre insulation compression fitted to either face of the wall or at any position in between and coated with Sikacryl-625 Fire+

Construction details: Plan View



Construction details: Side View



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A.1.4.1

Substrate	Depth (mm)	Backing	Classification *
masonry/ concrete/ aluminium	1 mm WFT min. both faces with Sikacryl-625 Fire+	80 mm stone wool, mineral fibre min. 80 kg/m ³ , compressed into gap by 20mm. Bonded to one vertical side of the construction and inbetween stone-wool with beads of SikaSeal-658 Fire+, leaving one vertical side not bonded but friction fitted	E 180 – V – X – F – W540 EI 30 – V – X – F – W540

*Additional and for information only.

The classifications provided in Table A.1.4.1 consider the insulation performance of all components within the firestopping system as per the requirements of EN 1366-4. This includes temperature evaluation of the metal substrates.

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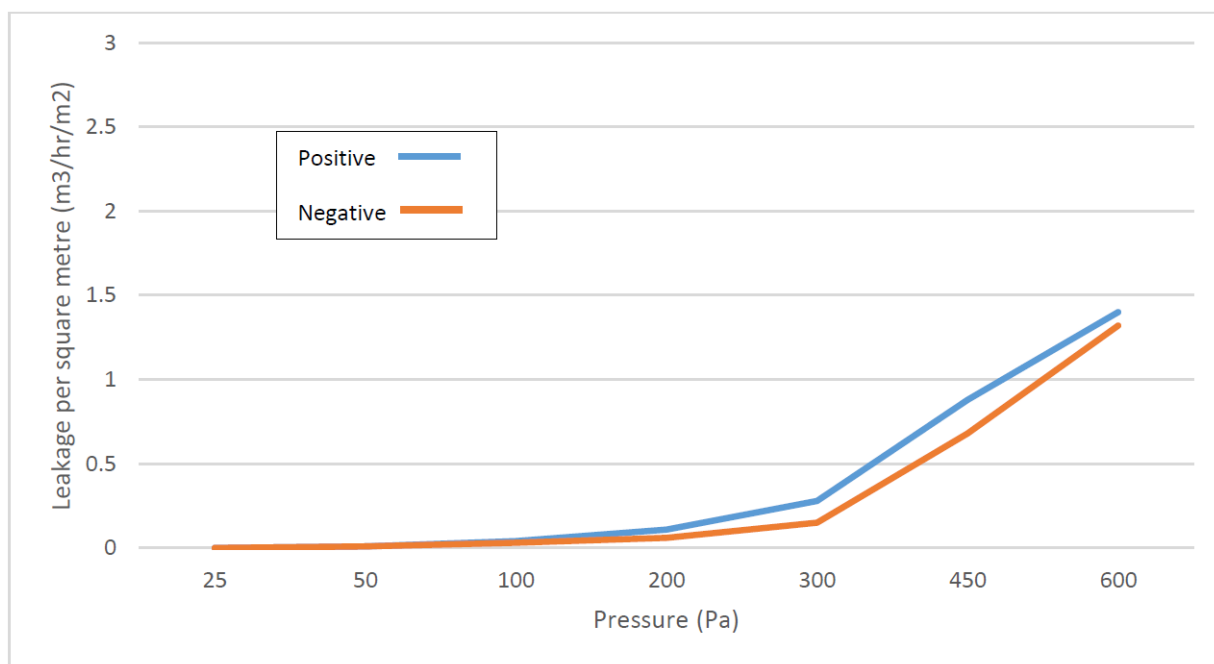
¹ 120

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ANNEX B – Air Permeability – SikaSeal-626 Fire Board+

Product tested	1200mm high x 600mm wide SikaSeal-626 Fire Board+ 50mm 2-S		
Summary of testing procedure			Result
	Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m ² /h)
Results under negative chamber pressure	25	0.00	0.00
	50	0.01	0.01
	100	0.02	0.03
	200	0.04	0.06
	300	0.11	0.15
	450	0.49	0.68
	600	0.95	1.32
Results under positive chamber pressure	25	0.00	0.00
	50	0.01	0.01
	100	0.03	0.04
	200	0.08	0.11
	300	0.2	0.28
	450	0.63	0.88
	600	1.01	1.40



EAD 350141-00-1106:2017

Fire Stopping and Sealing Product: Linear Joint and Gap Seals

<http://dop.sika.com>

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CE MARKING TO BE PLACED ON THE LABEL

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Sika Services AG, Zurich, Switzerland
DoP No. 43483832
Notified Body 2531
For details see ETA 23/0961 of 30/04/2024 https://www.eota.eu/etassessments/17937 or accompanying documents
EAD 350141-00-1106:2017
Fire Stopping and Sealing Product: Linear Joint and Gap 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."

Sika Sverige AB
Domnarvsgatan 15
163 53 Spånga
Sverige
www.sika.se

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