

Sika AnchorFix[®]-1

DECLARATION OF PERFORMANCE

No. 97239786

| | | |
|-----------|--|---|
| 1 | UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE: | 97239786 |
| 2 | INTENDED USE/S | ETA-13/0720 of 18/05/2018 Bonded injection type anchor for use in uncracked concrete |
| 3 | MANUFACTURER: | Sika Services AG Tüffenwies 16-22 8064 Zürich |
| 4 | AUTHORISED REPRESENTATIVE: | |
| 5 | SYSTEM/S OF AVCP: | System 1 |
| 6b | EUROPEAN ASSESSMENT DOCUMENT: | EAD 330499-00-0601 |
| | European Technical Assessment: | ETA-13/0720 of 18/05/2018 |
| | Technical Assessment Body: | TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p. |
| | Notified body/ies: | 1020 |

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Table B1: Installation parameter

| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
|--------------------------------------|-------------------|------|--|-----|-----|-----|-----------------|-----|
| Nominal drill hole diameter | $\varnothing d_0$ | [mm] | 10 | 12 | 14 | 18 | 22 | 26 |
| Diameter of cleaning brush | d_b | [mm] | 14 | 14 | 20 | 20 | 29 | 29 |
| Torque moment | $\max T_{fix}$ | [Nm] | 10 | 20 | 40 | 80 | 150 | 200 |
| Depth of drill hole for $h_{ef,min}$ | $h_0=h_{ef}$ | [mm] | 64 | 80 | 96 | 128 | 160 | 192 |
| Depth of drill hole for $h_{ef,max}$ | $h_0=h_{ef}$ | [mm] | 96 | 120 | 144 | 192 | 240 | 288 |
| Minimum edge distance | c_{min} | [mm] | 35 | 40 | 50 | 65 | 80 | 96 |
| Minimum spacing | s_{min} | [mm] | 35 | 40 | 50 | 65 | 80 | 96 |
| Minimum thickness of member | h_{min} | [mm] | $h_{ef} + 30 \text{ mm} \geq 100 \text{ mm}$ | | | | $h_{ef} + 2d_0$ | |

Table B2: Cleaning

| All diameters |
|----------------|
| - 2 x blowing |
| - 2 x brushing |
| - 2 x blowing |
| - 2 x brushing |
| - 2 x blowing |

Table B3: Minimum curing time Sika AnchorFix-1

| Resin cartridge temperature [°C] | T Work [mins] | Base material Temperature [°C] | T Load [mins] |
|----------------------------------|---------------|--------------------------------|---------------|
| min +5 | 18 | min +5 | 145 |
| +5 to +10 | 10 | +5 to +10 | |
| +10 to +20 | 6 | +10 to +20 | 85 |
| +20 to +25 | 5 | +20 to +25 | 50 |
| +25 to +30 | 4 | +25 to +30 | 40 |
| +30 | | +30 | 35 |

T work is typical gel time at highest temperature T load is set at the lowest temperature

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Table C1: Design method EN 1992-4
Characteristic values of resistance to tension load

| Steel failure – Characteristic resistance | | | | | | | | |
|--|---------------|------|-----|-----|-----|-----|-----|-----|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $N_{Rk,s}$ | [kN] | 18 | 29 | 42 | 79 | 123 | 177 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Steel grade 8.8 | $N_{Rk,s}$ | [kN] | 29 | 46 | 67 | 126 | 196 | 282 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Steel grade 10.9 | $N_{Rk,s}$ | [kN] | 37 | 58 | 84 | 157 | 245 | 353 |
| Partial safety factor | γ_{Ms} | [-] | 1,4 | | | | | |
| Stainless steel grade A2-70, A4-70 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,9 | | | | | |
| Stainless steel grade A4-80 | $N_{Rk,s}$ | [kN] | 29 | 46 | 67 | 126 | 196 | 282 |
| Partial safety factor | γ_{Ms} | [-] | 1,6 | | | | | |
| Stainless steel grade 1.4529 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Stainless steel grade 1.4565 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,9 | | | | | |

| Combined pullout and concrete cone failure in uncracked concrete C20/25 | | | | | | | | | |
|--|--------------------------------------|----------------------|-----|------|-----|-----|-----|-----|--|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 | |
| Characteristic bond resistance in non-cracked concrete | | | | | | | | | |
| Dry/wet concrete and flooded hole | $\tau_{Rk,ucr}$ | [N/mm ²] | 9 | 8 | 9 | 9,5 | 8,5 | 8 | |
| Installation safety factor | $\gamma_2^{1)} = \gamma_{inst}^{2)}$ | [-] | 1,2 | | | | | | |
| Factor for concrete | C30/37 | ψ_c | [-] | 1,12 | | | | | |
| | C35/45 | | | 1,19 | | | | | |
| | C50/60 | | | 1,30 | | | | | |

| Concrete cone failure | | | |
|----------------------------------|------------------|------|-------------|
| Factor for concrete cone failure | $k_1^{1)}$ | [-] | 10,1 |
| | $k_{ucr,N}^{2)}$ | | 11 |
| Edge distance | $C_{cr,N}$ | [mm] | $1,5h_{ef}$ |

| Splitting failure | | | | | | | | |
|--------------------------|---------------------|------|-------------|-----|-----|-------------|-----|-----|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Edge distance | $C_{cr,sp}$ | [mm] | $2,0h_{ef}$ | | | $1,5h_{ef}$ | | |
| Spacing | $S_{cr,sp}$ | [mm] | $4,0h_{ef}$ | | | $3,0h_{ef}$ | | |
| Partial safety factor | $\gamma_{Msp}^{1)}$ | [-] | 1,8 | | | | | |

- 1) Design according EOTA Technical Report TR 055
- 2) Design according EN 1992-4:2016

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Table C2: Design method EN 1992-4
Characteristic values of resistance to shear load

| Steel failure without lever arm | | | | | | | | |
|--|---------------|------|-----------|------------|------------|------------|------------|------------|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $V_{RK,S}$ | [kN] | 9 | 15 | 21 | 39 | 61 | 88 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Steel grade 8.8 | $V_{RK,S}$ | [kN] | 15 | 23 | 34 | 63 | 98 | 141 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Steel grade 10.9 | $V_{RK,S}$ | [kN] | 18 | 29 | 42 | 79 | 123 | 177 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Stainless steel grade A2-70, A4-70 | $V_{RK,S}$ | [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} | [-] | 1,56 | | | | | |
| Stainless steel grade A4-80 | $V_{RK,S}$ | [kN] | 15 | 23 | 34 | 63 | 98 | 141 |
| Partial safety factor | γ_{Ms} | [-] | 1,33 | | | | | |
| Stainless steel grade 1.4529 | $V_{RK,S}$ | [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Stainless steel grade 1.4565 | $N_{RK,S}$ | [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} | [-] | 1,56 | | | | | |
| Characteristic resistance of group of fasteners | | | | | | | | |
| Ductility factor $k_7 = 1,0$ for steel with rupture elongation $A_5 > 8\%$ | | | | | | | | |

| Steel failure with lever arm | | | | | | | | |
|---|---------------|-------|-----------|------------|------------|------------|------------|------------|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $M^o_{RK,S}$ | [N.m] | 19 | 37 | 66 | 166 | 325 | 561 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Steel grade 8.8 | $M^o_{RK,S}$ | [N.m] | 30 | 60 | 105 | 266 | 519 | 898 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Steel grade 10.9 | $M^o_{RK,S}$ | [N.m] | 37 | 75 | 131 | 333 | 649 | 1123 |
| Partial safety factor | γ_{Ms} | [-] | 1,50 | | | | | |
| Stainless steel grade A2-70, A4-70 | $M^o_{RK,S}$ | [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} | [-] | 1,56 | | | | | |
| Stainless steel grade A4-80 | $M^o_{RK,S}$ | [N.m] | 30 | 60 | 105 | 266 | 519 | 898 |
| Partial safety factor | γ_{Ms} | [-] | 1,33 | | | | | |
| Stainless steel grade 1.4529 | $M^o_{RK,S}$ | [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} | [-] | 1,25 | | | | | |
| Stainless steel grade 1.4565 | $M^o_{RK,S}$ | [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} | [-] | 1,56 | | | | | |
| Concrete pry-out failure | | | | | | | | |
| Factor for resistance to pry-out failure | k_g | [-] | 2 | | | | | |

| Concrete edge failure | | | | | | | | |
|------------------------------|-----------|------|--------------------------------|------------|------------|------------|------------|------------|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Outside diameter of fastener | d_{nom} | [mm] | 8 | 10 | 12 | 16 | 20 | 24 |
| Effective length of fastener | l_f | [mm] | min (h_{ef} , $8 d_{nom}$) | | | | | |

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Table C3: Displacement under tension and shear load

| Anchor size | | | M8 | M10 | M12 | M16 | M20 | M24 |
|--------------|--------------------|------|-----|-----|------|------|------|------|
| Tension load | F | [kN] | 6,3 | 7,9 | 11,9 | 23,8 | 29,8 | 45,6 |
| Displacement | δ_{N0} | [mm] | 0,2 | 0,2 | 0,3 | 0,5 | 0,7 | 0,9 |
| | $\delta_{N\infty}$ | [mm] | 0,4 | 0,4 | 0,4 | 0,4 | 0,4 | 0,4 |
| Shear load | F | [kN] | 5,2 | 8,3 | 12,0 | 22,4 | 35,0 | 50,4 |
| Displacement | δ_{V0} | [mm] | 0,1 | 0,1 | 0,2 | 0,4 | 0,8 | 1,5 |
| | $\delta_{V\infty}$ | [mm] | 0,2 | 0,2 | 0,3 | 0,6 | 1,2 | 2,3 |

8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name : Tomasz Gutowski
 Function: Corporate Standardization and Approvals
 At Warsaw on 19 June 2018

Name : Tatiana Ageyeva
 Function: Standardization and Approvals
 At Warsaw on 19 June 2018




End of information as required by Regulation (EU) No 305/2011

RELATED DECLARATION OF PERFORMANCE

| Product Name | Harmonised technical specification | DoP Number |
|---|------------------------------------|------------|
| Sika AnchorFix®-1 Injection anchors for or use in masonry | ETA-17/0179 | 38701859 |
| Sika AnchorFix®-1 galvanized or stainless steel bonded anchor | ETA-13/0720 of 12/06/2013 | 68816162 |

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FULL CE MARKING



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Sika Services AG, Zurich, Switzerland

DoP No. 97239786

EAD 330499-00-0601

Notified Body 1020

Bonded injection type anchor for use in uncracked concrete

Table B1: Installation parameter

| Size | | M8 | M10 | M12 | M16 | M20 | M24 |
|--------------------------------------|------------------------|--|-----|-----|-----|-----------------|-----|
| Nominal drill hole diameter | $\varnothing d_0$ [mm] | 10 | 12 | 14 | 18 | 22 | 26 |
| Diameter of cleaning brush | d_b [mm] | 14 | 14 | 20 | 20 | 29 | 29 |
| Torque moment | $\max T_{fix}$ [Nm] | 10 | 20 | 40 | 80 | 150 | 200 |
| Depth of drill hole for $h_{ef,min}$ | $h_0 = h_{ef}$ [mm] | 64 | 80 | 96 | 128 | 160 | 192 |
| Depth of drill hole for $h_{ef,max}$ | $h_0 = h_{ef}$ [mm] | 96 | 120 | 144 | 192 | 240 | 288 |
| Minimum edge distance | c_{min} [mm] | 35 | 40 | 50 | 65 | 80 | 96 |
| Minimum spacing | s_{min} [mm] | 35 | 40 | 50 | 65 | 80 | 96 |
| Minimum thickness of member | h_{min} [mm] | $h_{ef} + 30 \text{ mm} \geq 100 \text{ mm}$ | | | | $h_{ef} + 2d_0$ | |

Table B2: Cleaning

| All diameters |
|----------------|
| - 2 x blowing |
| - 2 x brushing |
| - 2 x blowing |
| - 2 x brushing |
| - 2 x blowing |

Table B3: Minimum curing time Sika AnchorFix-1

| Resin cartridge temperature [°C] | T Work [mins] | Base material Temperature [°C] | T Load [mins] |
|----------------------------------|---------------|--------------------------------|---------------|
| min +5 | 18 | min +5 | 145 |
| +5 to +10 | 10 | +5 to +10 | |
| +10 to +20 | 6 | +10 to +20 | 85 |
| +20 to +25 | 5 | +20 to +25 | 50 |
| +25 to +30 | 4 | +25 to +30 | 40 |
| +30 | | +30 | 35 |

T work is typical gel time at highest temperature T load is set at the lowest temperature

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Table C1: Design method EN 1992-4
Characteristic values of resistance to tension load

| Steel failure – Characteristic resistance | | | | | | | | |
|---|---------------|------|-----|-----|-----|-----|-----|-----|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $N_{Rk,s}$ | [kN] | 18 | 29 | 42 | 79 | 123 | 177 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Steel grade 8.8 | $N_{Rk,s}$ | [kN] | 29 | 46 | 67 | 126 | 196 | 282 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Steel grade 10.9 | $N_{Rk,s}$ | [kN] | 37 | 58 | 84 | 157 | 245 | 353 |
| Partial safety factor | γ_{Ms} | [-] | 1,4 | | | | | |
| Stainless steel grade A2-70, A4-70 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,9 | | | | | |
| Stainless steel grade A4-80 | $N_{Rk,s}$ | [kN] | 29 | 46 | 67 | 126 | 196 | 282 |
| Partial safety factor | γ_{Ms} | [-] | 1,6 | | | | | |
| Stainless steel grade 1.4529 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,5 | | | | | |
| Stainless steel grade 1.4565 | $N_{Rk,s}$ | [kN] | 26 | 41 | 59 | 110 | 172 | 247 |
| Partial safety factor | γ_{Ms} | [-] | 1,9 | | | | | |

| Combined pullout and concrete cone failure in uncracked concrete C20/25 | | | | | | | | |
|---|--------------------------------------|----------------------|------|-----|-----|-----|-----|-----|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Characteristic bond resistance in non-cracked concrete | | | | | | | | |
| Dry/wet concrete and flooded hole | $\tau_{Rk,ucr}$ | [N/mm ²] | 9 | 8 | 9 | 9,5 | 8,5 | 8 |
| Installation safety factor | $\gamma_z^{1)} = \gamma_{inst}^{2)}$ | [-] | 1,2 | | | | | |
| | C30/37 | | 1,12 | | | | | |
| Factor for concrete | C35/45 | ψ_c | 1,19 | | | | | |
| | C50/60 | | 1,30 | | | | | |

| Concrete cone failure | | | |
|----------------------------------|----------------------------------|------|-------------|
| Factor for concrete cone failure | $\frac{k_1^{1)}}{k_{ucr,N}^{2)}$ | [-] | 10,1 |
| | | | 11 |
| Edge distance | $c_{cr,N}$ | [mm] | $1,5h_{ef}$ |

| Splitting failure | | | | | | | | |
|-----------------------|---------------------|------|-------------|-----|-----|-------------|-----|-----|
| Size | | | M8 | M10 | M12 | M16 | M20 | M24 |
| Edge distance | $c_{cr,sp}$ | [mm] | $2,0h_{ef}$ | | | $1,5h_{ef}$ | | |
| Spacing | $s_{cr,sp}$ | [mm] | $4,0h_{ef}$ | | | $3,0h_{ef}$ | | |
| Partial safety factor | $\gamma_{Msp}^{1)}$ | [-] | 1,8 | | | | | |

- 1) Design according EOTA Technical Report TR 055
2) Design according EN 1992-4:2016

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Table C2: Design method EN 1992-4
Characteristic values of resistance to shear load

| Steel failure without lever arm | | | | | | | |
|--|-------------------|-----------|------------|------------|------------|------------|------------|
| Size | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $V_{Rk,S}$ [kN] | 9 | 15 | 21 | 39 | 61 | 88 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Steel grade 8.8 | $V_{Rk,S}$ [kN] | 15 | 23 | 34 | 63 | 98 | 141 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Steel grade 10.9 | $V_{Rk,S}$ [kN] | 18 | 29 | 42 | 79 | 123 | 177 |
| Partial safety factor | γ_{Ms} [-] | 1,5 | | | | | |
| Stainless steel grade A2-70, A4-70 | $V_{Rk,S}$ [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} [-] | 1,56 | | | | | |
| Stainless steel grade A4-80 | $V_{Rk,S}$ [kN] | 15 | 23 | 34 | 63 | 98 | 141 |
| Partial safety factor | γ_{Ms} [-] | 1,33 | | | | | |
| Stainless steel grade 1.4529 | $V_{Rk,S}$ [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Stainless steel grade 1.4565 | $N_{Rk,S}$ [kN] | 13 | 20 | 30 | 55 | 86 | 124 |
| Partial safety factor | γ_{Ms} [-] | 1,56 | | | | | |
| Characteristic resistance of group of fasteners | | | | | | | |
| Ductility factor $k_7 = 1,0$ for steel with rupture elongation $A_5 > 8\%$ | | | | | | | |

| Steel failure with lever arm | | | | | | | |
|---|--------------------|-----------|------------|------------|------------|------------|------------|
| Size | | M8 | M10 | M12 | M16 | M20 | M24 |
| Steel grade 5.8 | $M^o_{Rk,S}$ [N.m] | 19 | 37 | 66 | 166 | 325 | 561 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Steel grade 8.8 | $M^o_{Rk,S}$ [N.m] | 30 | 60 | 105 | 266 | 519 | 898 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Steel grade 10.9 | $M^o_{Rk,S}$ [N.m] | 37 | 75 | 131 | 333 | 649 | 1123 |
| Partial safety factor | γ_{Ms} [-] | 1,50 | | | | | |
| Stainless steel grade A2-70, A4-70 | $M^o_{Rk,S}$ [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} [-] | 1,56 | | | | | |
| Stainless steel grade A4-80 | $M^o_{Rk,S}$ [N.m] | 30 | 60 | 105 | 266 | 519 | 898 |
| Partial safety factor | γ_{Ms} [-] | 1,33 | | | | | |
| Stainless steel grade 1.4529 | $M^o_{Rk,S}$ [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} [-] | 1,25 | | | | | |
| Stainless steel grade 1.4565 | $M^o_{Rk,S}$ [N.m] | 26 | 52 | 92 | 233 | 454 | 786 |
| Partial safety factor | γ_{Ms} [-] | 1,56 | | | | | |
| Concrete pry-out failure | | | | | | | |
| Factor for resistance to pry-out failure | k_8 [-] | 2 | | | | | |

| Concrete edge failure | | | | | | | |
|------------------------------|----------------|--------------------------------|------------|------------|------------|------------|------------|
| Size | | M8 | M10 | M12 | M16 | M20 | M24 |
| Outside diameter of fastener | d_{nom} [mm] | 8 | 10 | 12 | 16 | 20 | 24 |
| Effective length of fastener | l_f [mm] | min (h_{ef} , $8 d_{nom}$) | | | | | |

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Table C3: Displacement under tension and shear load

| Anchor size | | | M8 | M10 | M12 | M16 | M20 | M24 |
|--------------|--------------------|------|-----|-----|------|------|------|------|
| Tension load | F | [kN] | 6,3 | 7,9 | 11,9 | 23,8 | 29,8 | 45,6 |
| Displacement | δ_{N0} | [mm] | 0,2 | 0,2 | 0,3 | 0,5 | 0,7 | 0,9 |
| | $\delta_{N\infty}$ | [mm] | 0,4 | 0,4 | 0,4 | 0,4 | 0,4 | 0,4 |
| Shear load | F | [kN] | 5,2 | 8,3 | 12,0 | 22,4 | 35,0 | 50,4 |
| Displacement | δ_{V0} | [mm] | 0,1 | 0,1 | 0,2 | 0,4 | 0,8 | 1,5 |
| | $\delta_{V\infty}$ | [mm] | 0,2 | 0,2 | 0,3 | 0,6 | 1,2 | 2,3 |

<http://dop.sika.com>

CE MARKING TO BE PLACED ON THE LABEL



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Sika Services AG, Zurich, Switzerland

DoP No. 97239786

EAD 330499-00-0601

Notified Body 1020

Bonded injection type anchor for use in uncracked concrete

For details see accompanying documents

<http://dop.sika.com>

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sikas recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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BUILDING TRUST

