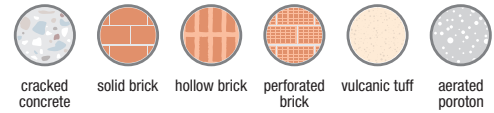


Vorpa VPC CE

Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



products group



VPC CE TSP
 * **VPC CE TSP A4**
 with countersunk head screw and Torx recess

- Approved for**
- cracked and non-cracked concrete C12/15 - C50/60
 - building materials use category a-b-c-d ETAG 020

- To fix**
- window and door frames
 - light structural works
 - wooden substructures
 - handrail



VPC CE TE
 * **VPC CE TE A4**
 with hexagonal head special wood screw and Torx recess

- Also suitable for**
- solid brick
 - hollow brick
 - perforated brick
 - vulcanic tuff
 - aerated poroton



VPC TC
 with mushroom head special wood screw and Torx recess



ETAG 020
 for use categories a-b-c-d



R90
 only Ø10



product information

Characteristics

- extra long nylon fixing with countersunk or cylinder edge suitable for applications on compact and hollow materials. Supplied with different types of screws
- special anti-rotation wings that prevents the plug turning in the hole on installation
- the plug's neck avoid the introduction of the plug inside the hole
- resistant to temperatures from -40°C to +80°C
- European Technical Assessment ETAG 020
- temperature resistant from -40°C to + 80°C
- fire resistant only Ø10 R90
- the special anti-rotation wings on the nylon sleeve provides easy and safe installation on all types of material, avoiding any rotation of the nylon sleeve while the screw is installed
- ideal for fixing of facade, frames and general fastenings

- fully radial expansion behaviour on concrete and solid masonry
- multiple radial expansion behaviour on perforated masonry
- knotting behaviour on hollow masonry

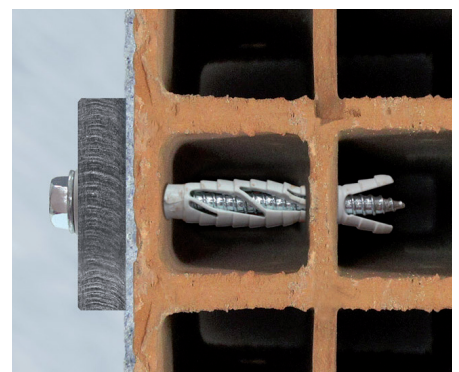
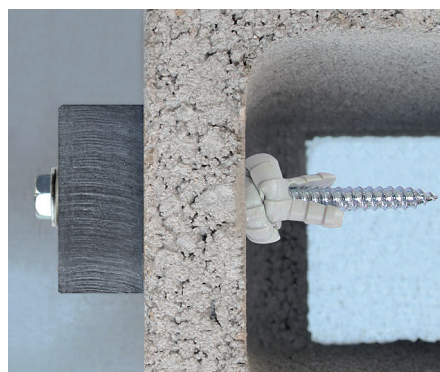
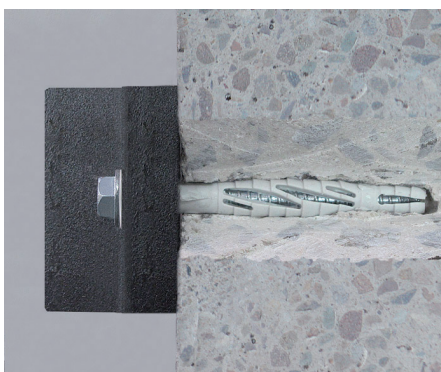
Installation

- through setting anchor

Suggestion for use

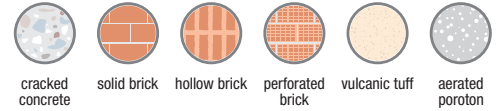
- always consider an appropriate safety factor
- check load bearing capacity values
- respect the installation data
- clean the hole before the installation

Examples of applications



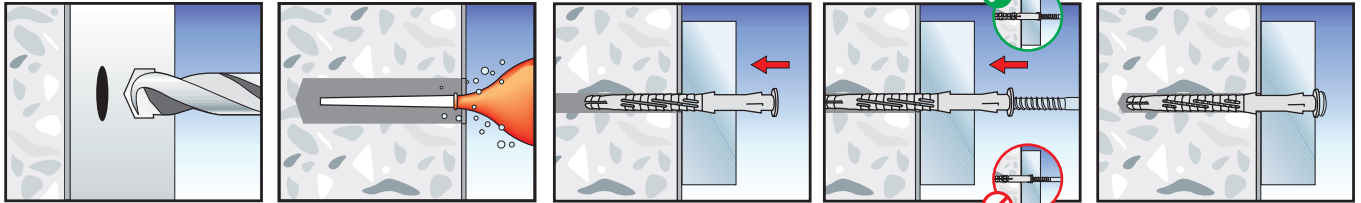
Vorpa VPC CE

Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



installation sequence

On solid brick



Make a drill hole with a hammer drill

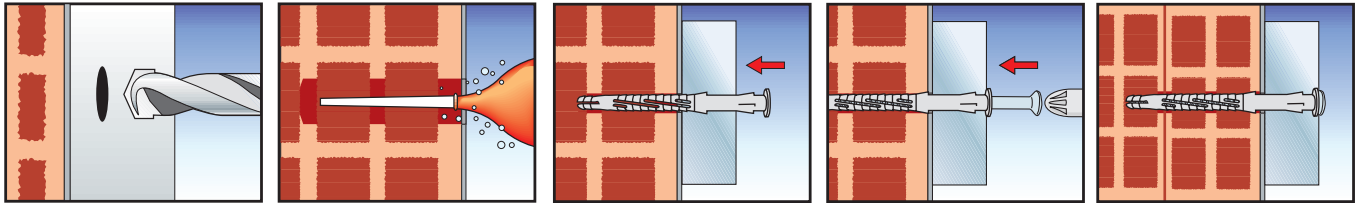
Clean the hole

Place the fixture and then insert the anchor into the hole

Put the anchor by hammering softly on the screw head until the fixture stops the nylon plug

Make sure that the fixture is supported by the anchor (nylon plug and screw)

On hollow brick



Make a drill hole just by rotary drilling

Clean the hole

Place the fixture and the anchor into the hole by hand

Put the anchor by hammering softly on the screw head until the fixture stops the nylon plug

Sent the screw by screw driver or by hand. Make sure that the fixture is supported by the anchor (nylon plug and screw)

Clean the hole before the installation

product code and technical data

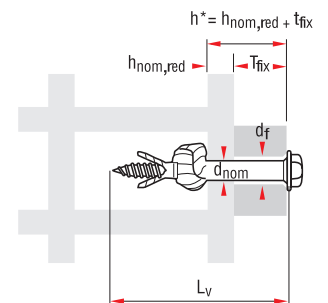
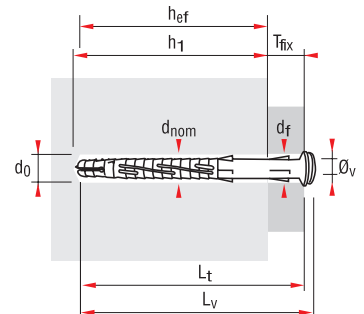


VPC CE TSP with countersunk head screw and Torx recess

* VPC CE TSP A4 with A4 SS countersunk head screw and Torx recess



| Code | Description | | $d_{nom} \times L_t$ mm | $\varnothing_V \times L_V$ mm | h_1 mm | T_{fix} mm | d_0 mm | h_{ef} mm | d_f mm | T |
|--------|-----------------|--------|----------------------------|----------------------------------|-------------|-----------------|-------------|----------------|-------------|------|
| 6100 | VPC TSP | 8/80 | 8x80 | 6x85 | 90 | 10 | 8 | 70 | 9 | TX30 |
| 6101 | VPC TSP | 8/100 | 8x100 | 6x105 | 90 | 30 | 8 | 70 | 9 | TX30 |
| 6102 | VPC TSP | 8/120 | 8x120 | 6x125 | 90 | 50 | 8 | 70 | 9 | TX30 |
| 6103 | VPC TSP | 8/140 | 8x140 | 6x145 | 90 | 70 | 8 | 70 | 9 | TX30 |
| 6104 * | VPC TSP | 10/80 | 10x80 | 7x85 | 90 | 10 | 10 | 70 | 11 | TX40 |
| 6105 * | VPC TSP | 10/100 | 10x100 | 7x105 | 90 | 30 | 10 | 70 | 11 | TX40 |
| 6106 * | VPC TSP | 10/120 | 10x120 | 7x125 | 90 | 50 | 10 | 70 | 11 | TX40 |
| 6107 * | VPC TSP | 10/140 | 10x140 | 7x145 | 90 | 70 | 10 | 70 | 11 | TX40 |
| 6108 * | VPC TSP | 10/160 | 10x160 | 7x165 | 90 | 90 | 10 | 70 | 11 | TX40 |
| 6109 * | VPC TSP | 10/200 | 10x200 | 7x205 | 90 | 130 | 10 | 70 | 11 | TX40 |
| 6110 * | VPC TSP | 10/230 | 10x230 | 7x235 | 90 | 160 | 10 | 70 | 11 | TX40 |
| 6196 | VPC TSP INOX A4 | 8/80 | 8x80 | 6x85 | 90 | 10 | 8 | 70 | 9 | TX30 |
| 6197 | VPC TSP INOX A4 | 8/100 | 8x100 | 6x105 | 90 | 30 | 8 | 70 | 9 | TX30 |
| 6198 | VPC TSP INOX A4 | 8/120 | 8x120 | 6x125 | 90 | 50 | 8 | 70 | 9 | TX30 |
| 6199 | VPC TSP INOX A4 | 8/140 | 8x140 | 6x145 | 90 | 70 | 8 | 70 | 9 | TX30 |
| 6200 * | VPC TSP INOX A4 | 10/80 | 10x80 | 7x85 | 90 | 10 | 10 | 70 | 11 | TX40 |
| 6201 * | VPC TSP INOX A4 | 10/100 | 10x100 | 7x105 | 90 | 30 | 10 | 70 | 11 | TX40 |
| 6202 * | VPC TSP INOX A4 | 10/120 | 10x120 | 7x125 | 90 | 50 | 10 | 70 | 11 | TX40 |
| 6203 * | VPC TSP INOX A4 | 10/140 | 10x140 | 7x145 | 90 | 70 | 10 | 70 | 11 | TX40 |
| 6204 * | VPC TSP INOX A4 | 10/160 | 10x160 | 7x165 | 90 | 90 | 10 | 70 | 11 | TX40 |
| 6205 * | VPC TSP INOX A4 | 10/200 | 10x200 | 7x205 | 90 | 130 | 10 | 70 | 11 | TX40 |
| 6206 * | VPC TSP INOX A4 | 10/230 | 10x230 | 7x235 | 90 | 160 | 10 | 70 | 11 | TX40 |

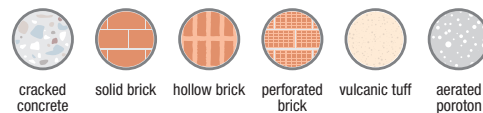


- L_t = Plug length
- h_1 = Min. hole depth
- d_0 = Hole diameter
- T_{fix} = Fixture thickness
- \varnothing_V = Screw diameter
- L_V = Screw length
- d_f = Diameter hole in the fixture
- d_{nom} = Plug diameter
- h_{ef} = Embedment depth

* VPC CE $\varnothing 10$: at least 90 minutes fire resistance (R90) for fastening of façade systems on concrete, if the admissible load $\leq 0,8$ [kN] (no permanent centric tension load).

Vorpa VPC CE

Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



product code and technical data



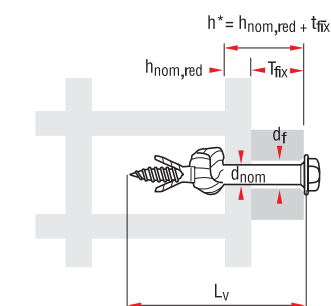
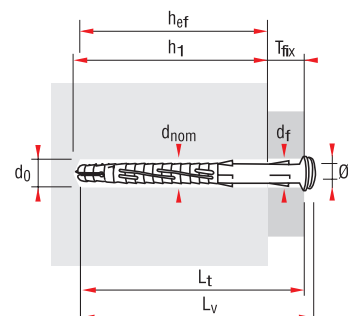
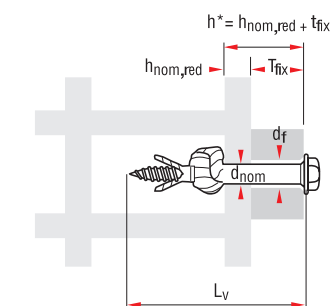
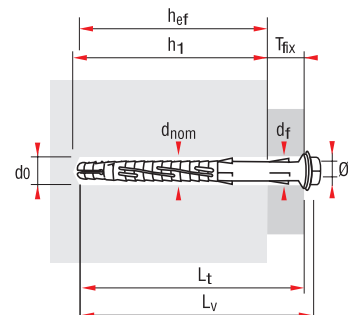
VPC CE TE
with hexagonal head special wood screw and Torx recess

* **VPC CE TE A4 INOX A4**
with A4 SS hexagonal head special wood screw and Torx recess



| Code | Description | | $d_{nom} \times L_t$ mm | $\emptyset_V \times L_V$ mm | h_1 mm | T_{fix} mm | d_0 mm | h_{ef} mm | d_f mm | Ch | T |
|--------|----------------|--------|----------------------------|--------------------------------|-------------|-----------------|-------------|----------------|-------------|----|------|
| 6112 | VPC TE | 8/80 | 8x80 | 6x85 | 90 | 10 | 8 | 70 | 9 | 10 | TX30 |
| 6113 | VPC TE | 8/100 | 8x100 | 6x105 | 90 | 30 | 8 | 70 | 9 | 10 | TX30 |
| 6114 | VPC TE | 8/120 | 8x120 | 6x125 | 90 | 50 | 8 | 70 | 9 | 10 | TX30 |
| 6115 | VPC TE | 8/140 | 8x140 | 6x145 | 90 | 70 | 8 | 70 | 9 | 10 | TX30 |
| 6116 * | VPC TE | 10/80 | 10x80 | 7x85 | 90 | 10 | 10 | 70 | 11 | 13 | TX40 |
| 6117 * | VPC TE | 10/100 | 10x100 | 7x105 | 90 | 30 | 10 | 70 | 11 | 13 | TX40 |
| 6118 * | VPC TE | 10/120 | 10x120 | 7x125 | 90 | 50 | 10 | 70 | 11 | 13 | TX40 |
| 6119 * | VPC TE | 10/140 | 10x140 | 7x145 | 90 | 70 | 10 | 70 | 11 | 13 | TX40 |
| 6120 * | VPC TE | 10/160 | 10x160 | 7x165 | 90 | 90 | 10 | 70 | 11 | 13 | TX40 |
| 6121 * | VPC TE | 10/200 | 10x200 | 7x205 | 90 | 130 | 10 | 70 | 11 | 13 | TX40 |
| 6122 * | VPC TE | 10/230 | 10x230 | 7x235 | 90 | 160 | 10 | 70 | 11 | 13 | TX40 |
| 6184 | VPC TE INOX A4 | 8/80 | 8x80 | 6x85 | 90 | 10 | 8 | 70 | 9 | 10 | TX30 |
| 6185 | VPC TE INOX A4 | 8/100 | 8x100 | 6x105 | 90 | 30 | 8 | 70 | 9 | 10 | TX30 |
| 6186 | VPC TE INOX A4 | 8/120 | 8x120 | 6x125 | 90 | 50 | 8 | 70 | 9 | 10 | TX30 |
| 6187 | VPC TE INOX A4 | 8/140 | 8x140 | 6x145 | 90 | 70 | 8 | 70 | 9 | 10 | TX30 |
| 6188 * | VPC TE INOX A4 | 10/80 | 10x80 | 7x85 | 90 | 10 | 10 | 70 | 11 | 13 | TX40 |
| 6189 * | VPC TE INOX A4 | 10/100 | 10x100 | 7x105 | 90 | 30 | 10 | 70 | 11 | 13 | TX40 |
| 6190 * | VPC TE INOX A4 | 10/120 | 10x120 | 7x125 | 90 | 50 | 10 | 70 | 11 | 13 | TX40 |
| 6191 * | VPC TE INOX A4 | 10/140 | 10x140 | 7x145 | 90 | 70 | 10 | 70 | 11 | 13 | TX40 |
| 6192 * | VPC TE INOX A4 | 10/160 | 10x160 | 7x165 | 90 | 90 | 10 | 70 | 11 | 13 | TX40 |
| 6193 * | VPC TE INOX A4 | 10/200 | 10x200 | 7x205 | 90 | 130 | 10 | 70 | 11 | 13 | TX40 |
| 6194 * | VPC TE INOX A4 | 10/230 | 10x230 | 7x235 | 90 | 160 | 10 | 70 | 11 | 13 | TX40 |

* VPC CE Ø10: at least 90 minutes fire resistance (R90) for fastening of façade systems on concrete, if the admissible load $\leq 0,8$ [kN] (no permanent centric tension load).



- L_t = Plug length
- h_1 = Min. hole depth
- d_0 = Hole diameter
- T_{fix} = Fixture thickness
- \emptyset_V = Screw diameter
- L_V = Screw length
- d_f = Diameter hole in the fixture
- d_{nom} = Plug diameter
- h_{ef} = Embedment depth



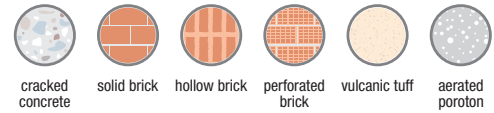
VPC TC
with mushroom head special wood screw and Torx recess

| Code | Description | | $d_{nom} \times L_t$ mm | $\emptyset_V \times L_V$ mm | h_1 mm | T_{fix} mm | d_0 mm | h_{ef} mm | d_f mm | T |
|--------|-------------|--------|----------------------------|--------------------------------|-------------|-----------------|-------------|----------------|-------------|------|
| 6124 | VPC TC | 8/80 | 8x80 | 6x85 | 90 | 10 | 8 | 70 | 9 | TX30 |
| 6125 | VPC TC | 8/100 | 8x100 | 6x105 | 90 | 30 | 8 | 70 | 9 | TX30 |
| 6126 | VPC TC | 8/120 | 8x120 | 6x125 | 90 | 50 | 8 | 70 | 9 | TX30 |
| 6127 | VPC TC | 8/140 | 8x140 | 6x145 | 90 | 70 | 8 | 70 | 9 | TX30 |
| 6128 | VPC TC | 10/80 | 10x80 | 7x85 | 90 | 10 | 10 | 70 | 11 | TX40 |
| 6129 * | VPC TC | 10/100 | 10x100 | 7x105 | 90 | 30 | 10 | 70 | 11 | TX40 |
| 6130 * | VPC TC | 10/120 | 10x120 | 7x125 | 90 | 50 | 10 | 70 | 11 | TX40 |
| 6131 * | VPC TC | 10/140 | 10x140 | 7x145 | 90 | 70 | 10 | 70 | 11 | TX40 |
| 6132 * | VPC TC | 10/160 | 10x160 | 7x165 | 90 | 90 | 10 | 70 | 11 | TX40 |
| 6133 * | VPC TC | 10/200 | 10x200 | 7x205 | 90 | 130 | 10 | 70 | 11 | TX40 |

* VPC CE Ø10: at least 90 minutes fire resistance (R90) for fastening of façade systems on concrete, if the admissible load $\leq 0,8$ [kN] (no permanent centric tension load).

Vorpa VPC CE

Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



technical data

Use Category “a”

Cracked and non-cracked concrete C16/20

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|---------------------------------|------------------|--------|-----|---------|--|
| Minimum spacing | S _{min} | mm | 90 | 100 | |
| Minimum edge distance | C _{min} | mm | 90 | 100 | |
| Minimum thickness of the member | h _{min} | mm | 140 | 140 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|-------|---------|-------------|
| Temperature range | T | °C | 24-40 | 50-80 | 24-40 50-80 |
| Characteristic resistance | N _{RR,p} | kN | 3.5 | 3.0 | 4.5 4.0 |

Use Category “d”

Autoclaved aerated concrete

Density 0.5 Kg/dm³

Min.Compression strength 3.5 N/mm²

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|--|-------------------|--------|-----|---------|--|
| Single anchor | | | | | |
| Minimum edge distance | C _{min} | mm | 240 | 240 | |
| Group of anchors | | | | | |
| Minimum spacing (perpendicular to free edge) | S1 _{min} | mm | 120 | 120 | |
| Minimum spacing (parallel to free edge) | S2 _{min} | mm | 240 | 240 | |
| Minimum edge distance | C _{min} | mm | 480 | 480 | |
| Minimum thickness of the member | h _{min} | mm | 120 | 120 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|-----|---------|--|
| Characteristic resistance | N _{RR,p} | kN | 0.5 | 0.6 | |

Use Category “b” - Paragraph 1

A - Solid masonry 110x60x240 “Danesi”

Density 1.7 Kg/dm³

Min.Compression strength 39 N/mm²

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|--|-------------------|--------|-----|---------|--|
| Single anchor | | | | | |
| Minimum edge distance | C _{min} | mm | 120 | 120 | |
| Group of anchors | | | | | |
| Minimum edge distance | C _{min} | mm | 120 | 120 | |
| Minimum spacing (perpendicular to free edge) | S1 _{min} | mm | 240 | 240 | |
| Minimum spacing (parallel to free edge) | S2 _{min} | mm | 480 | 480 | |
| Minimum thickness of the member | h _{min} | mm | 110 | 110 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|-----|---------|--|
| Characteristic resistance | N _{RR,p} | kN | 3.0 | 2.0 | |

Use Category “b” - Paragraph 2

B - Solid masonry 250x120x55 “Terreal Italia”

Density 1.7 Kg/dm³

Min.Compression strength 27 N/mm²

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|--|-------------------|--------|-----|---------|--|
| Single anchor | | | | | |
| Minimum edge distance | C _{min} | mm | 120 | 120 | |
| Group of anchors | | | | | |
| Minimum edge distance | C _{min} | mm | 125 | 125 | |
| Minimum spacing (perpendicular to free edge) | S1 _{min} | mm | 250 | 250 | |
| Minimum spacing (parallel to free edge) | S2 _{min} | mm | 500 | 500 | |
| Minimum thickness of the member | h _{min} | mm | 120 | 120 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|-----|---------|--|
| Characteristic resistance | N _{RR,p} | kN | 4.0 | 5.0 | |

Use Category “b” - Paragraph 3

E - Fine tuff 370x370x110 “Cave riunite”

Density 2.4 Kg/dm³

Min.Compression strength 7.5 N/mm²

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|--|-------------------|--------|-----|---------|--|
| Single anchor | | | | | |
| Minimum edge distance | C _{min} | mm | 185 | 185 | |
| Group of anchors | | | | | |
| Minimum edge distance | C _{min} | mm | 185 | 185 | |
| Minimum spacing (perpendicular to free edge) | S1 _{min} | mm | 370 | 370 | |
| Minimum spacing (parallel to free edge) | S2 _{min} | mm | 740 | 740 | |
| Minimum thickness of the member | h _{min} | mm | 370 | 370 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|---|---------|--|
| Characteristic resistance | N _{RR,p} | kN | - | 0.3 | |

Use Category “b” - Paragraph 4

F - Calcium silicate KS-R(P)-202.0 - 8DF (240) “Heidelberg - Kalksandstein

Density 1.9 Kg/dm³

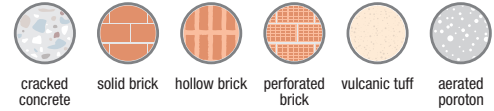
Min.Compression strength 28.2 N/mm²

| Installation data | | VPC Ø8 | | VPC Ø10 | |
|--|-------------------|--------|-----|---------|--|
| Single anchor | | | | | |
| Minimum edge distance | C _{min} | mm | 120 | 120 | |
| Group of anchors | | | | | |
| Minimum edge distance | S1 _{min} | mm | 240 | 240 | |
| Minimum spacing (perpendicular to free edge) | S2 _{min} | mm | 480 | 480 | |
| Minimum spacing (parallel to free edge) | C _{min} | mm | 120 | 120 | |
| Minimum thickness of the member | h _{min} | mm | 240 | 240 | |

| Pull out characteristic values VPC | | VPC Ø8 | | VPC Ø10 | |
|------------------------------------|-------------------|--------|-----|---------|--|
| Characteristic resistance | N _{RR,p} | kN | 5.5 | 6.0 | |

Vorpa VPC CE

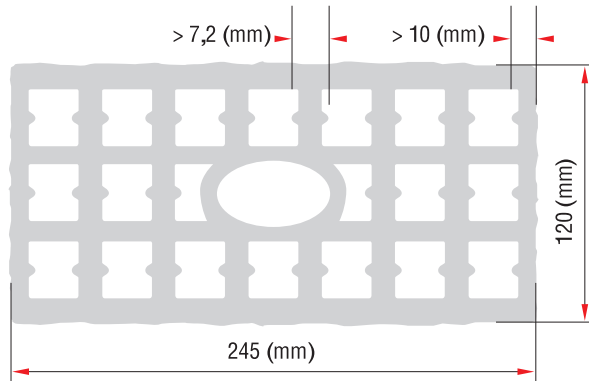
Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



technical data

Use Category "c" - Paragraph 5

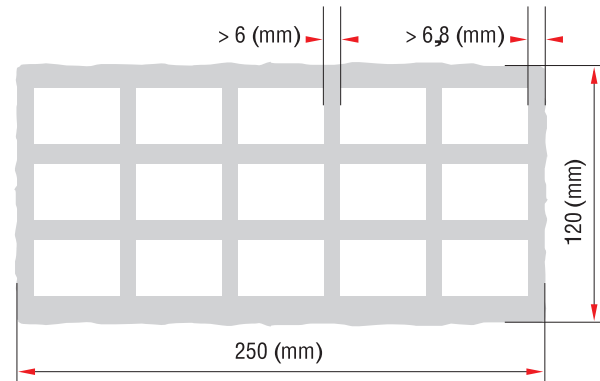
C - Doppio UNI 120x245x250 "Danesi"
 Density 0.9 Kg/dm³
 Min.Compression strenght 13 N/mm²



| Installation data | | VPC Ø8 | VPC Ø10 |
|--|----------------------|--------|---------|
| Single anchor | | | |
| Minimum edge distance | C _{min} mm | 125 | 125 |
| Group of anchors | | | |
| Minimum edge distance | C _{min} mm | 125 | 125 |
| Minimum spacing (perpendicular to free edge) | S _{1min} mm | 250 | 250 |
| Minimum spacing (parallel to free edge) | S _{2min} mm | 500 | 500 |
| Minimum thicknes of the member | h _{min} mm | 120 | 120 |
| Pull out characteristic values VPC | | VPC Ø8 | VPC Ø10 |
| Characteristic resistance | NRK,p kN | - | 0.3 |

Use Category "c" - Paragraph 6

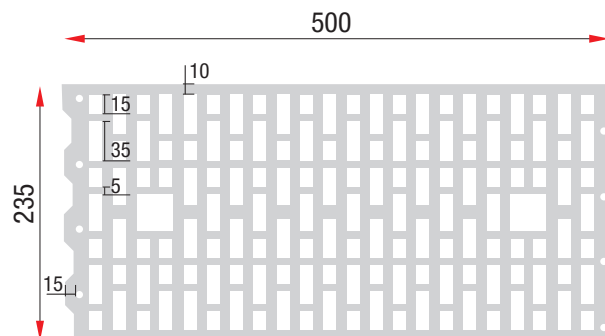
D - Hollow brick 120x250x250 "Wienerberger"
 Density 0.6 Kg/dm³
 Min.Compression strenght 2,0 N/mm²



| Installation data | | VPC Ø8 | VPC Ø10 |
|--|----------------------|--------|---------|
| Single anchor | | | |
| Minimum edge distance | C _{min} mm | 125 | 125 |
| Group of anchors | | | |
| Minimum edge distance | C _{min} mm | 75 | 75 |
| Minimum spacing (perpendicular to free edge) | S _{1min} mm | 250 | 250 |
| Minimum spacing (parallel to free edge) | S _{2min} mm | 500 | 500 |
| Minimum thicknes of the member | h _{min} mm | 120 | 120 |
| Pull out characteristic values VPC | | VPC Ø8 | VPC Ø10 |
| Characteristic resistance | NRK,p kN | 0.3 | - |

Use Category "c" - Paragraph 7

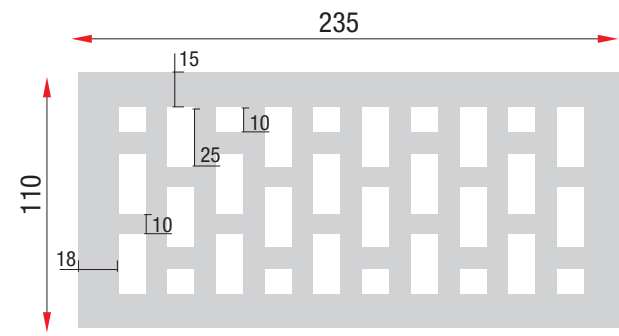
G - Poroton T-24,0-0,9 "Wieneberger"
 Density 0.9 Kg/dm³
 Min.Compression strenght 7.0 N/mm²



| Installation data | | VPC Ø8 | VPC Ø10 |
|--|----------------------|--------|---------|
| Single anchor | | | |
| Minimum edge distance | C _{min} mm | 120 | 120 |
| Group of anchors | | | |
| Minimum spacing (perpendicular to free edge) | S _{1min} mm | 240 | 240 |
| Minimum spacing (parallel to free edge) | S _{2min} mm | 480 | 480 |
| Minimum edge distance | C _{min} mm | 120 | 120 |
| Minimum thicknes of the member | h _{min} mm | 240 | 240 |
| Pull out characteristic values VPC | | VPC Ø8 | VPC Ø10 |
| Characteristic resistance | NRK,p kN | 0.9 | 0.9 |

Use Category "c" - Paragraph 8

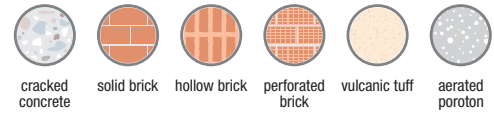
H - Poroton HIZB - ZDF - 0.9 "Wieneberger"
 Density 0.9 Kg/dm³
 Min.Compression strenght 16:4 N/mm²



| Installation data | | VPC Ø8 | VPC Ø10 |
|--|----------------------|--------|---------|
| Single anchor | | | |
| Minimum edge distance | C _{min} mm | 120 | 120 |
| Anchor Group | | | |
| Minimum spacing (perpendicular to free edge) | S _{1min} mm | 240 | 240 |
| Minimum spacing (parallel to free edge) | S _{2min} mm | 480 | 480 |
| Minimum edge distance | C _{min} mm | 120 | 120 |
| Minimum thicknes of the member | h _{min} mm | 115 | 115 |
| Pull out characteristic values VPC | | VPC Ø8 | VPC Ø10 |
| Characteristic resistance | NRK,p kN | 0.9 | 0:9 |

Vorpa VPC CE

Multi-purpose nylon fixing with European Technical Assessment for cracked concrete



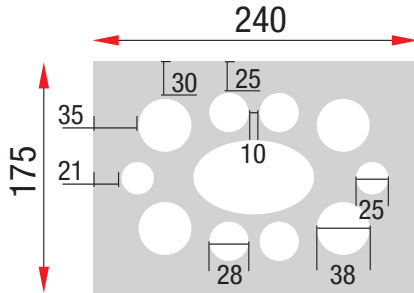
technical data

Use Category "c" - Paragraph 9

I - Hollow calcium silicate brick KF-L "Heidelberger - Kalksanstein"

Density 1.5 Kg/dm³

Min.Compression strenght 16.3 N/mm²



| Installation data | | | VPC Ø8 | VPC Ø10 |
|--|-------------------|----|--------|---------|
| Single anchor | | | | |
| Minimum edge distance | C _{min} | mm | 120 | 120 |
| Group of anchors | | | | |
| Minimum spacing (perpendicular to free edge) | S _{1min} | mm | 240 | 240 |
| Minimum spacing (parallel to free edge) | S _{2min} | mm | 480 | 480 |
| Minimum edge distance | C _{min} | mm | 120 | 120 |
| Minimum thicknes of the member | h _{min} | mm | 175 | 175 |

| Pull out characteristic values VPC | | | VPC Ø8 | VPC Ø8 |
|------------------------------------|-------|----|--------|--------|
| Characteristic resistance | NRK,p | kN | 5.0 | 5.5 |

| Use categories | Subcategories | Substrates |
|----------------|---------------|--|
| a | | Concrete C12/15 - C50/60 cracked and non cracked |
| b | Paragraph 1 | A solid brick 39 N/mm ² |
| | Paragraph 2 | B solid brick 27 N/mm ² |
| | Paragraph 3 | E fine tuff 7,5 N/mm ² |
| | Paragraph 4 | F calcium silicate K-SR (P) 28,2 N/mm ² |
| | Paragraph 5 | C doppio UNI 13 N/mm ² |
| c | Paragraph 6 | D hollow brick 2 N/mm ² |
| | Paragraph 7 | G poroton 7 N/mm ² |
| | Paragraph 8 | H poroton 16.4 N/mm ² |
| | Paragraph 9 | I Hollow calcium silicate brick 16.3 N/mm ² |
| d | | Autoclaved aerated concrete AAC 3,5 N/mm ² |

Examples of applications

