

## Injection system MULTIFIX PSF+



### Included in delivery

- 1 mortar cartridge
- 1 mixing nozzle

### Cross references

Anchor rod  
Mesh sleeve  
Cleaning brush  
Blow-out pump  
Applicator gun AP410/420ml  
Hammer drill SDS plus®  
Duster Expert SDS plus  
Cordless hammer drill

### Application examples

- > Designed for light-duty applications in uncracked concrete and masonry including railings, balustrades, awnings, storage racks and cable management systems.

### Application range

Substrates:

- > Uncracked concrete (option 7)
- > Masonry

Fastening elements:

- > Threaded rods (galvanized and stainless steel)

### Characteristics

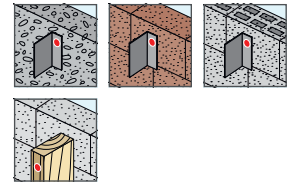
- > Styrene-free polyester resin
- > For light duty applications
- > Can be used in wet concrete and water-filled drill holes
- > Short curing time
- > Available in cartridge sizes 300ml and 420ml
- > 50 years working life assessment

### Notice

Please observe the corresponding approvals during planning and processing.

The storage temperature must not permanently exceed 25 °C!  
Please store upright!

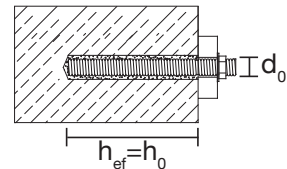
### Applications



### Technical specifications



### Certifications



### Installation process



### Installation parameters (concrete)

| Anchor rod | $d_0$<br>[mm] | $h_{ef} = h_0$<br>min - max [mm] | $T_{inst\ concrete} \leq$ [Nm] |
|------------|---------------|----------------------------------|--------------------------------|
| <b>M8</b>  | 10            | 60 - 160                         | 10                             |
| <b>M10</b> | 12            | 60 - 200                         | 20                             |
| <b>M12</b> | 14            | 70 - 240                         | 40                             |
| <b>M16</b> | 18            | 80 - 320                         | 80                             |
| <b>M20</b> | 24            | 90 - 400                         | 120                            |
| <b>M24</b> | 28            | 96 - 480                         | 160                            |

### Installation parameters

| Temperature<br>in base material | Maximum<br>working time | Curing time<br>in dry base material |
|---------------------------------|-------------------------|-------------------------------------|
| $\geq -5\ ^\circ\text{C}$       | 1h 30 min               | 6h                                  |
| $\geq 0\ ^\circ\text{C}$        | 45 min                  | 3h                                  |
| $\geq +5\ ^\circ\text{C}$       | 25 min                  | 2h                                  |
| $\geq +10\ ^\circ\text{C}$      | 20 min                  | 1h 40 min                           |
| $\geq +20\ ^\circ\text{C}$      | 6 min                   | 45 min                              |
| $\geq +30\ ^\circ\text{C}$      | 4 min                   | 25 min                              |
| $\geq +39\ ^\circ\text{C}$      | 2 min                   | 20 min                              |

\*Min. cartridge temperature +15 °C

| Consumption in perforated building materials (standard value) |            |                        |                        |                      |
|---------------------------------------------------------------|------------|------------------------|------------------------|----------------------|
| Mesh sleeve                                                   | Anchor rod | d <sub>0</sub><br>[mm] | h <sub>0</sub><br>[mm] | Resin volume<br>[mm] |
| USF 12x80                                                     | M8         | 12                     | 85                     | 13                   |
| USF 16x85                                                     | M8/M10     | 16                     | 90                     | 27                   |
| USF 16x130                                                    | M8/M10     | 16                     | 135                    | 42                   |
| USF 20x85                                                     | M12/M16    | 20                     | 90                     | 44                   |
| USF 20x130                                                    | M12/M16    | 20                     | 135                    | 67                   |
| USF 20x200                                                    | M12/M16    | 20                     | 205                    | 102                  |

| Order description            | Content<br>[ml] | PU<br>[pieces] | Price/1<br>[EUR] | Article number | EAN           |
|------------------------------|-----------------|----------------|------------------|----------------|---------------|
| Mortar cartridge PSF+ 300 ml | 300             | 1              |                  | 9573002300     | 4061245079004 |
| Mortar cartridge PSF+ 420 ml | 420             | 1              |                  | 9573000410     | 4061245079011 |
| Mixer extension 500 mm       | -               | 1              |                  | 8682900004     | 4061245081106 |
| Replacement mixer            | -               | 1              |                  | 9570040141     | 4061245061900 |

**Ordering information: Multifix PSF incl. 1 mixing nozzle included in the scope of delivery**