

Injection system MULTIFIX HSF Seismic



Included in delivery

- 1 mortar cartridge
- 1 mixing nozzle

Cross references

- Anchor rod
- Cleaning brush
- Blow-out pump
- Applicator gun AP420ml
- Hammer drill SDS plus
- Duster Expert SDS plus
- Cordless hammer drill

Application examples

- > Designed for heavy-duty applications in concrete, including the installation of steel structures such as columns, beams, brackets, railings, gratings, sanitary equipment, stadium seating, pipe supports and cable management systems
- > Also ideal for securing façades, awnings and storage racks
- > Suitable for post-installed rebar applications in renovation, extension and retrofit projects

Application range

Substrates:

- > Cracked and non-cracked concrete

Fastening elements:

- > Threaded rods (galvanized and stainless steel)
- > Post-Installed rebars
- > Internal threaded anchor rods

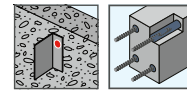
Properties

- > High-performance hybrid Urethan-Methacrylate resin
- > For heavy-duty applications
- > Seismic action and fire exposure assessment
- > Overhead installation
- > Water-filled drill holes
- > Fastening without expansion pressure, therefore small edge and center distances possible
- > Very high chemical resistance
- > Excellent performance at high temperature
- > Fast curing for faster anchor installation
- > Low odor development
- > The cartridge can be used again until the end of its shelf life by replacing the static mixer or by closing it again with the original cap
- > 100 years working life assessment

Notice

Please observe the corresponding approvals during planning and processing.

Applications



Technical specifications



Certifications



Installation process



Technical data sheet



Installation parameters

Anchor rod	d_0 [mm]	$h_{ef} = h_0$ min - max [mm]	T_{inst} ≤ [Nm]	Pre-set installation d_i [mm]	In-place installation d_i [mm]	h_{min} [mm]	S_{min} [mm]
M8	10	60 – 160	10	9	12	$h_{ef} + 30 \geq 100$	40
M10	12	60 – 200	20	12	14	$h_{ef} + 30 \geq 100$	50
M12	14	70 – 240	40*	14	16	$h_{ef} + 30 \geq 100$	60
M16	18	80 – 320	60	18	20	$h_{ef} + 2d_0$	75
M20	22	90 – 400	100	22	24	$h_{ef} + 2d_0$	95
M24	28	96 – 480	170	26	30	$h_{ef} + 2d_0$	115
M27	30	108 – 540	250	30	33	$h_{ef} + 2d_0$	125
M30	35	120 – 600	300	33	40	$h_{ef} + 2d_0$	140

*Maximum installation torque for M12 with steel Grade 4.6 is 35 Nm

Installation parameters

Temperature in base material	Maximum working time	Curing time in dry base material	Curing time in wet base material
-5 °C to -1 °C	50 min	5 h	10 h
0 °C to +4 °C	25 min	3,5 h	7 h
+5 °C to +9 °C	15 min	2 h	4 h
+10 °C to +14 °C	10 min	1 h	2 h
+15 °C to +19 °C	6 min	40 min	80 min
+20 °C to +29 °C	3 min	30 min	1 h
+30 °C to +40 °C	2 min	30 min	1 h
Cartridge temperature +5 °C to +40 °C			

Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Mortar cartridge HSF Seismic 420 ml	420	1		9571002420	4061245110110
Order information: 1 mixing nozzle is included with each cartridge.					