

Injection system MULTIFIX SE500



Included in delivery

- 1 mortar cartridge
- 1 mixing nozzle

Cross references

- Anchor rod
- Mesh sleeve
- Cleaning brush
- Blow-out pump
- Applicator gun AP585ml
- 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 facades, awnings and storage racks
- > Suitable for post-installed rebar applications in renovation, extension and retrofit projects

Application range

Substrates:

- > Cracked and uncracked concrete

Fastening elements:

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

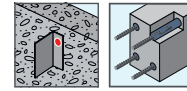
Characteristics

- > Standard pure epoxy resin
- > For heavy-duty applications
- > Fire exposure assessment
- > Overhead installation
- > Water-filled drill holes
- > Fastening without expansion pressure, therefore small edge and center distances possible
- > Good chemical resistance
- > Low odor development
- > High flexural and compressive strength
- > 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
- > 50 years working life assessment

Notice

Please observe the corresponding approvals during planning and processing.

Applications



Technical specifications



Certifications



Installation parameters

Anchor rod	d_0 [mm]	$h_{ef} = h_0$ min - max [mm]	T_{inst} $\leq$ [Nm]	Pre-set installation d_i [mm]	Push through 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 +9°C	1h 20min	60h	120h
+10°C to +14°C	1h	48h	96h
+15°C to +19°C	40 min	24h	48h
+20°C to +24°C	30 min	12h	24h
+25°C to +34°C	12 min	10h	20h
+35°C to +39°C	8 min	7h	14h
+40°C	8 min	4h	8h
Cartridge temperature +5 °C to +40 °C			

Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Mortar cartridge SE500 585 ml	585	1		9571000500	4061245131801
Mixer extension 500 mm	–	1		8682900004	4061245081106
Ordering information: SE500 585 ml incl. 1 mixing nozzle included in the scope of delivery					