

Injection system Multifix SE1000 Seismic



Included in delivery

- 1 mortar cartridge
- 1 mixing nozzle

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Application examples

- > Suitable for fastening facades, awnings, wooden structures, metal structures, metal profiles, supports, beams, consoles, railings, grids, sanitary objects, pipelines, cable routes.

Application range

Substrates:

- > Cracked and non-cracked concrete.

Fastening elements:

- > Threaded rods (galvanized, diffusion galvanized or hot-dip galvanized, stainless steel A4, A2 or HCR), reinforcing iron, internally threaded sleeves.

Properties

- > Fire behavior test report
- > For heavy duty applications
- > 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
- > 100 years service life

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]	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

d_0 = nominal drill diameter; h_{ef} = effective installation depth; h_0 = drill hole depth; T_{inst} = tightening torque; d_i = diameter of the through hole in the attachment; h_{min} = minimum component thickness; S_{min} = minimum center distance

Installation parameters

Temperature in the substrate [°C]	Open processing time	Curing time in dry weather	Curing time in wet weather
0 - 4	80'	144h	288h
5 - 9	80'	48h	96h
10 - 14	60'	28h	56h
15 - 19	40'	18h	36h
20 - 24	30'	12h	24h
25 - 34	12'	9h	18h
25 - 39	8'	6h	12h
+40	8'	4h	8h

Cartridge temperature +5 °C to +40 °C

Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Mortar cartridge Multifix SE1000 Seismic 585 ml	585	1		9571001000	4061245074788

Ordering information: Multifix SE1000 Seismic 585 ml incl. one mixing nozzle included in the scope of delivery