

Injection mortar FIS P

The expansion-free anchoring for masonry based on polyester resin

OVERVIEW



Injection mortar
FIS P 300 T



Injection mortar
FIS P 360 S



Injection mortar
FIS P 380 C



Static mixer **FIS S**

Suitable for:

- Solid brick
- Sand-lime solid brick
- Solid block made from lightweight concrete
- Autoclaved lightweight concrete, aircrete
- Vertical perforated brick
- Perforated sand-lime brick
- Hollow blocks

For fixing of:

- Steel constructions
- railings
- hand-rails
- consoles
- ladders
- cable trays
- machines
- staircases
- gates
- facades
- window elements
- high racks
- canopies
- stand-off installations

DESCRIPTION

- Styrene-free polyester resin for fixings in masonry building materials.
- Resin and hardener are stored in two separate chambers and are not mixed and activated until pushed through the static mixer.
- Partially-used cartridges can easily be reused by changing the static mixer.
- FIS P 300 T with longer curing time and lower application pressure.
- FIS P 300 T can be extruded by using a conventional application gun.
- FIS P 380 C in coaxial cartridge is extruded by using a special application gun.
- FIS P 360 S in shuttle cartridge is extruded by using a special application gun.

Advantages/Benefits

- Well performance in masonry building materials.
- Expansion-free anchoring allows low spacing and edge distances.
- Extensive range of accessories for a wide variety of applications.

Accessories

- for fixing in masonry, see page 88
- for fixing in aerated concrete, see page 98
- see page 114/115 for the appropriate application gun

Recommended loads

- for fixing in masonry, see page 88 et sq.
- for fixing in aerated concrete, see page 98

FIXING PRINCIPLES

In detail: The general principles for installation, the correct drilling procedure and much more on page 26.

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TECHNICAL DATA



Injection mortar
FIS P 300 T



Injection mortar
FIS P 360 S



Injection mortar
FIS P 380 C



Injection mortar
**FIS P 300 T,
HWK small**



Injection mortar
FIS P 300 T B

Type	Art.-No.	languages on the label	contents	Qty. per box
				pcs.
FIS P 300 TB	044725	D, F, GB, NL, E, PRC	1 cartridge FIS P 300 T + 2 static mixer in polybag with header card	6
FIS P 300 T	093175	D, F, GB, NL, E, PRC	1 cartridge 300 ml + 2 static mixer	12
FIS P 300 T	044103	CZ, SK, PL, H, RO, RUS	1 cartridge 300 ml + 1 static mixer	12
FIS P 300 T	093178	PL, CZ, H, SK, SLO, HR, RO, BG	1 cartridge 300 ml + 2 static mixer	12
FIS P 300 T	502287	LT, LV, EE, UA, RU, KZ	1 cartridge 300 ml + 2 static mixer	12
FIS P 300 T HWK small	040040	D, F, GB, NL, E, PRC	12 cartridges + 24 static mixer	12
FIS P 360 S	056691	D, F, NL, CZ, TR, PL	1 cartridge 360 ml + 2 static mixer	6
FIS P 360 S	056708	GB, I, P, E, PRC, JP	1 cartridge 360 ml + 2 static mixer	6
FIS P 360 S	043995	CZ, SK, PL, H, RO, RUS	1 cartridge 360 ml + 2 static mixer	6
FIS P 360 S	502288	LT, LV, EE, UA, RU, KZ	1 cartridge 360 ml + 2 static mixer	6
FIS P 380 C	094400	D, F, NL, CZ, PL, SK	1 cartridge 380 ml + 1 static mixer	12
FIS P 380 C	044101	CZ, SK, PL, H, RO, RUS	1 Injection mortar cartridge 380 ml + 2 static mixer	12
FIS P 380 C	059234	GB, I, P, E, PRC, JP	1 cartridge 380 ml + 1 static mixer	12
FIS S	061223	-	10 static mixer FIS S	10

CURING TIME

Gelling and curing time of fischer FIS P 300 T

Cartridge temperature (mortar)	Gelling time	temperature at anchoring base	Curing time
		± 0°C – + 5°C	6 hrs.
+ 5°C – + 10°C	15 min.	+ 5°C – + 10°C	3 hrs.
+ 10°C – + 20°C	8 min.	+ 10°C – + 20°C	2 hrs.
+ 20°C – + 30°C	5 min.	+ 20°C – + 30°C	60 min.
+ 30°C – + 40°C	3 min.	+ 30°C – + 40°C	30 min.

The above times apply from the moment of contact between resin and hardener in the static mixer.

For installation, the cartridge temperature must be at least +5°C. For longer installation times, i.e. when interruptions occur in work, the mixer should be replaced.

Gelling and curing time of fischer FIS P 360 S and FIS P 380 C

Cartridge temperature (mortar)	Gelling time	temperature at anchoring base	Curing time
		- 5°C – ± 0°C	8 hrs.
		± 0°C – + 5°C	3 hrs.
+ 5°C – + 10°C	13 min.	+ 5°C – + 10°C	2 hrs.
+ 10°C – + 20°C	5 min.	+ 10°C – + 20°C	90 min.
+ 20°C – + 30°C	3 min.	+ 20°C – + 30°C	60 min.
+ 30°C – + 40°C	2 min.	+ 30°C – + 40°C	30 min.

The above times apply from the moment of contact between resin and hardener in the static mixer.

For installation, the cartridge temperature must be at least +5°C. For longer installation times, i.e. when interruptions occur in work, the mixer should be replaced.