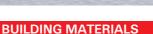


The versatile injection mortar for anchorings in non-cracked concrete and masonry







Approved for anchorings in:

- Concrete C20/25 to C50/60, noncracked
- Hollow blocks made from lightweight concrete
- · Hollow blocks made from concrete
- Vertically perforated brick
- Perforated sand-lime brick
- Solid sand-lime brick
- Aerated concrete
- Solid brick

Approved for rebar connections in:

Concrete C12/15 to C50/60

Also suitable for:

Concrete C12/15

APPLICATIONS

Injection mortar for use with:

- Threaded rods FIS A, see page(concrete),(masonry) and(aerated concrete).
- Internal threaded anchor RG MI, see page
- Rebar anchor FRA, see page
- Concrete steel bars, see page
- Injection anchor sleeves FIS H, see page
- Aerated concrete centring sleeve PBZ, see page
- Remedial wall tie VBS 8, see page
- Weather facing reconstruction system FWS, see page



APPROVALS













FUNCTIONING

- The FIS V is a 2-component injection mortar based on vinyl ester hybrid.
- Resin and hardener are stored in two separate chambers and are not mixed and activated until extrusion through the static mixer.
- The injection cartridges are quick and easy to use with the fischer dispensers.
- Partially used cartridges can be reused, simply by changing the static mixer.
- Related accessories for the various applications can be found on pages(non-cracked concrete),(masonry),(aerated concrete) and(rebar connection).

ADVANTAGES

- The FISV injection mortar has numerous system approvals, such as in non-cracked concrete, masonry and for rebar connections. FISV is thus the universal injection mortar family with guaranteed reliability for practically all areas of application.
- FISVW High Speed has a significantly shorter curing time than FISV, thus also ensuring swift work progress even at low temperatures.
- FISVS Low Speed with extended gelling time prevents premature curing of the mortar at higher temperatures and is ideally suited to large drill hole depths.
- The extensive range of accessories is ideally suited to the FISV injection mortar family, increases the great flexibility of the system and thus allows for a broad range of applications.



TECHNICAL DATA



Injection mortar FIS V

			Approval	Languages on the cartridge	Contents	Languages on the cartridge
Article name	ArtNo.					
FIS V 360 S	094404	•	•	D, F, NL, TR, H, RUS	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 360 S	094405	•	•	GB, I, P, E, PRC, JP	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 360 S	068435	•		DK, S, N, FIN, PL, CZ	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 360 S	502283	•	•	LT, LV, EE, UA, RUS, KZ	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 360 S	041846	•		D, H, RO, SLO, HR, BG	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 360 S	043994	•	•	CZ, SK, PL, H, RO, RUS	1 cartridge 360 ml, 2 x FIS easy mixer	
FIS V 950 S	017101	•	•	D, GB, F, NL, I, E, P, JP, PRC	1 cartridge 950 ml, 1 x static mixer big, 1 x easy mixer	
FIS S	061223				10 static mixer	
FIS V 360 S HWK big	091936	•	•	D, F, NL, H, RUS, TR	20 cartridges 360 ml, 40 x FIS easy mixer	
FIS V 360 S HWK big	503027	•	•	D, H, RO, SLO, HR, RUS	12 cartridges 360 ml, 24 x FIS easy mixer, 1 x dispenser FIS DM S	
FIS V 360 S HWK big	096554	•	•	GB, I, P, E, PRC, JP	20 cartridges 360 ml, 40 x FIS easy mixer	
FIS V 360 S HWK small	092430	•	•	D, F, NL, H, RUS, TR	10 cartridges 360 ml, 20 x FIS easy mixer	
FIS V 360 S in bucket	503025	•	•	GB, I, P, E, PRC, JP	20 cartridges 360 ml, 20 x FIS easy mixer	
FIS B Case set	024870	•	•	D, F, NL, TR, H, RUS	3 cartridges 360 ml, 1 x dispenser FIS DM S, 1 x blow-out pump ABG, 1 x set of brushes, 6 x FIS easy mixer	
Thermosafe Case set, empty	511083				empty, for cartridges 360 ml, FIS DM S and Blow-out pump ABG	

Injection mortar FIS V



CURING TIME

Cartridge temperature	Gelling time	Temperature at anchoring base	Curing time
(mortar)			
		- 5°C-± 0°C	24 hrs.
		± 0°C-+ 5°C	3 hrs.
+ 5°C - +10°C	9 min.	+ 5°C - +10°C	90 min.
+10°C - +20°C	5 min.	+10°C - +20°C	60 min.
+20°C - +30°C	4 min.	+20°C - +30°C	45 min.
+30°C - +40°C	2 min.	+30°C - +40°C	35 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.