

Technical Data Sheet



Injection Mortar FIS VS 360 S/ FIS VS 300 T/ FIS VS 150 C/ FIS VS 100 P

Prepared on: 28.04.2009
Version: 2.2

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Product Description: Hybrid mortar with longer gelling time, styrene free
Colour: grey

Technical Data:

Product Data	Testing Method	Results
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Stability		
UV-resistance (sunlight)		resistant
Temperature resistance		120°C
Water resistance		resistant
Water absorption		after 14 days: 0.9%
Cleaning agents		1% tenside solution no effects
Long-term behaviour (Freezing and thawing resistance)	EOTA part 5	approved suitability for outside applications

Physical properties		
Shrinkage		< 0.8 %
Hardness Shore A		after 45 min: 92
Thermal conductivity		0.73 W/mK
Specific contact resistance		$0.39 \pm 0.3 \times 10^{12} \Omega\text{cm}$
pH-value		after 24 hours: > 12 (22 °C)
Density		1.6 – 1.8 g/cm ³

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 U/min	100 – 140 Pas
Open time (10 – 20 °C)		10 – 20 min
Curing time (10 – 20 °C)		120 min

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Shelf life		
FIS VS 360 S – FIS VS 150 C – FIS VS 100 P		18 months
FIS VS 300 T		12 months