

Technical Data Sheet



Injection Mortar FIS EM

Prepared on: 19.11.2008
Version: 3.1

Reviewed on: 15.07.2013

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Product Description: High-performance epoxy mortar for concrete
Colour: dark-grey

Technical Data:

Product Data	Testing Method	Results
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Stability		
UV-resistance (sunlight)		not resistant
Temperature resistance		100 °C
Water resistance		resistant
Water absorption		after 14 days: 0.18 %
Cleaning agents		1% tenside solution no effects

Physical properties		
Shrinkage		< 0.01 %
Hardness Shore A		after 24 h: 95
Thermal conductivity		0.33 W/mK
Specific contact resistance		$69 \pm 6 \times 10^{15} \Omega\text{cm}$
pH-value		after 24 hours: > 12.5 (22 °C)
Density		1.4 - 1.6 g/cm ³

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 U/min	~ 100 Pas
Open time [min]	-5 to +5 °C +5 to +10 °C +10 to +20 °C +20 to +30 °C +30 to +40 °C	240 120 30 14 7

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Curing time [h]	-5 to +5 °C	80
	+5 to +10 °C	40
	+10 to +20 °C	18
	+20 to +30 °C	10
	+30 to +40 °C	5
Shelf life		36 months