

Technical Data Sheet

Injection Mortar FIS EM Plus

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Product Description: Epoxy mortar
Colour: dark-grey

Technical Data:

Product Data	Testing Method	Results
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	ISO 868	after 45 min: 95
Thermal conductivity	DIN 52612	0.33 W/mK
Specific contact resistivity	IEC 60093	$69 \pm 6 \times 10^{15} \Omega\text{cm}$
pH value		after 24 h: > 12.5 (22 °C)
Density		1.4 – 1.6 g/cm ³
Workability features		
Viscosity at 20 °C	Brookfield (Sp.7) 10 U/min	~ 100 Pas
Open time [min] -5 to 0 °C > 0 to 5 °C > 5 to 10 °C > 10 to 20 °C > 20 to 30 °C > 30 to 40 °C		240 150 120 30 14 7
Curing time [h] -5 to 0 °C > 0 to 5 °C > 5 to 10 °C > 10 to 20 °C > 20 to 30 °C > 30 to 40 °C		200 90 40 18 10 5
Shelf life		36 months