

Technical Data Sheet



Injection Mortar FIS EM Plus 300T

Prepared on: 22.11.2024
Version: 1.0

Reviewed on:

Printing Date: 22.11.2024
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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	ISO 868	after 45 min: 95
Thermal conductivity	DIN 52612	0,33 W/mK
Specific contact resistance	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 (20 °C)	Brookfield (Sp.7) 10 U/min	~ 100 Pas
Open time [min] +5 to +9 °C +10 to +19°C +20 to +29 °C +30 to +40 °C		120 30 14 7
Curing time [h] +5 to +9 °C +10 to +19°C +20 to +29 °C +30 to +40 °C		40 18 10 5

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Shelf life		18 months
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