

# Technical Data Sheet

## Injection Mortar FIS EM PLUS

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

Technical Data:

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

Physical properties	Testing Method	Results
Linear coefficient of shrinkage on Cure	ASTM D2566	< 0.01
Elongation at Break	ASTM D695	1,1%
Bond strength after 20days	ETAG	>11 MPa
Density	DIN	1.4 - 1.6 g/cm <sup>3</sup>
Tensile Strength after a week	ASTM D638	51,3 MPa
Heat Deflection Temperature	ASTM D648	50°C
Absorption	ASTM D 570	0,18 %
Compressive Strength Compressive Modulus	ASTM D 695 ASTM D695-10	98 MPa 2600MPa

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 U/min	~ 100 Pas
Open time [min]		
+5 to +10 °C		120
+10 to +20°C		30
+20 to +30 °C		14
+30 to +40 °C		7
Curing time [h]		
+5 to +10 °C		40
+10 to +20°C		18
+20 to +30 °C		10
+30 to +40 °C		5
Shelf life		36 months