

Technical Data Sheet



Injection Mortar FIS RC II

Prepared on: 27.09.2022
Version: 1.0

Reviewed on: -

Printing Date: 27.09.2022
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Product Description: High performance hybrid mortar in shuttle cartridge,
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: 0.8 %
Cleaning agents		1 % tenside solution no effects
Long-term behaviour (Freezing and thawing resistance)	EAD 330499	approved suitability for outside applications

Physical properties		
Shrinkage		< 0.9 %
Hardness Shore D		after 45 min: > 80
Density		1.6 - 1.8 g/cm ³
Thermal conductivity		0,73 W/mK
Contact resistance		1,8 x 10 ¹² Ωcm

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 U/min	110 – 150 Pas
Open time 1 - 5 °C 6 - 10 °C 11 - 20 °C 21 - 30 °C 31 - 40 °C		13 min 9 min 5 min 4 min 2 min

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Curing time		
-5 - 0 °C		24 h
1 - 5 °C		3 h
6 - 10 °C		90 min
11 - 20 °C		60 min
21 - 30 °C		45 min
31 - 40 °C		35 min
Shelf life		18 months