

Technical Data Sheet



Injection Mortar FIS V PLUS 360 S

Prepared on: 30.11.2020
Version: 2.0

Reviewed on: 28.09.2022

Printing Date: 28.09.2022
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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)	EOTA part 5	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 (10 – 20 °C)		5 min
Curing time (10 – 20 °C)		60 min
Shelf life		24 months

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styrene-free
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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: 1%
Cleaning agents		1% tenside solution no effects
Long-term behaviour (Freezing and thawing resistance)	EOTA part 5	approved suitability for outside applications

Physical properties		
Shrinkage		< 0.8 %
Hardness Shore D	ISO 868	after 30 min: > 85
Thermal conductivity	DIN 52612	0.65 W/mK
pH-value		after 24 hours: > 12 (22 °C)
Density		1.6 – 1.7 g/cm ³

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 U/min	100 – 160 Pas
Open time (10 – 20 °C)		1 - 3 min
Curing time (10 – 20 °C)		30 min
Shelf life		24 months