

Technical Data Sheet



Injection Mortar FIS V Zero

Prepared on: 20.04.2021
Version: 2.0

Reviewed on: 24.01.2022

Printing Date: 24.01.2022
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Product Description: injection mortar, labelling 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		< 0.8 %
Hardness Shore A	ISO 868	after 60 min: > 80
Density		1.6 - 1.8 g/cm ³
pH		after 24 h: 7 - 8 (22 °C)

Workability features		
Viscosity (20 °C)	Brookfield (Sp.7) 10 rpm	200 – 300 Pas
Open time (15 – 20 °C)		5min
Curing time (21 °C)		60 min
Shelf life		12 months

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Chemical resistance	Concentration [%]	Result*
Chemical resistance determined with fully cured product after storage in the relevant medium. Resistance optically and mechanically evaluated.		
Acetic acid	> 50	0
Acetic acid	> 10	0
Acetic acid	10	+
Acetone	100	-
Ammonia Solution	30	+
Citric Acid (saturated solution)	50	+
Diesel fuel	100	+
Ethyl alcohol	100	+
Ethylene glycol	100	+
Formic Acid	10	+
Fuel	100	+
Hydrochloric Acid	25	+
Hydrochloric Acid	10	+
Phosphoric Acid	85	+
Seawater	100	+
Sewage	100	+
Sodium hydroxide	25	+
Sulfuric Acid	75	+
Sulfuric Acid	10	+
Sulfuric acid (75%) / Phosphoric acid (85%) 10:20	100	+
Water (deionized)	100	+
Water (deminaralized)	100	+

*explanation

+ resistant
0 conditionally resistant
- not resistant