WE1901M
FREOPOX-Hydro-Primer

Product description

Product technology	water-thinnable 2C coating

General product properties

Binder-Base	Epoxy resin	
Colour	in accordance with RAL 840 HR other colours on request	
Viscosity	2000-2400 mPa*s, spindle 5, 60 revolutions/min.	DIN EN ISO 2555
Density	1,23 +/- 0,05 g/ml after addition of hardener	theoretical
Solid mass	58,5 - 59,8 %	theoretical
Solid content in volume	327 - 347 ml/kg after addition of hardener	theoretical
Resistance to storage	approx. 12 month in original packagings at an ambient temperature of 5 to 25 °C. Protect from frost. Open packages are to be used within a short time. The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.	

Application and processing

Tool/mould	Metal forms GRP types (of glass fibre-reinforced plastic)
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water.
Hardener	FREOPOX-Hydro-Härter HE0003
Mixin ratio	Products HE0003 Parts by weight 8:1
Thinning	demineralised water
Object temperature	60 °C, minimum +3 °C above dew point temperature
Processing time	max. 5 hrs. / 20 °C The processing time can decrease at higher temperatures and/or under pressure.
High pressure spraying	as delivered viscosity after adding curing agent nozzle 1,4 mm spray pressure 3 bis 4 bar
Material usage	without application loss 173 - 183 g/m² theoretical layer thickness 60 µm

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Dust drying	after 5 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Full drying	after 9 day/s (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	cleaning immediately with water, dried-on equipment with org. solvents, e.g. EFD cleaner.	

Comments

Work-and Healthprotection	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.
Test conditions	All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information. The information provided here contains reference values and does not constitute a specification.

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