

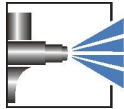


FREIOTHERM-Hydro-Dipping-Coat

WO1888M

Characteristics	<ul style="list-style-type: none">Water-thinnable baking coatingApplication, e.g. in the construction and sanitary sectorGood condensation resistanceGood adhesion to steel and non-ferrous metalsFor interior use	
Technical / Physical Data	Binder-Base	Combination of polyester/amino resin
	Colour	All common colour shades
	Gloss value DIN EN ISO 2813	mat 15-30 Angle 85°
	Viscosity DIN 53211 (formerly)	Flow time 25-35 seconds 4 mm viscosity cup
	Thinner	demineralised water
	pH-Value	8,5-9,0
	Density calculated	1,35-1,45 g/ml
	Solid Mass calculated	50-56 %
	Solid content in volume calculated	225-235 ml/kg
	Material usage theoretical, without application loss	240-270 g/m², Layer thickness 60 µm
	Reference colour of the specified values	Colour of WO1888MRA910
Substrate	Steel, passivated or pretreated substrates	
Pretreatment	<ul style="list-style-type: none">The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. Preliminary tests are recommended for assuring the suitability of coating qualities on the substrate. For more stringent requirements, we recommend: for corrosion protection - e.g. phosphating for adhesion - e.g. blasting, pickling, sanding	
Structure recommendation	Substrate	on iron-phosphated steel plate
	Primer	WO1888MRA910 Dry film thickness 10 µm
Mechanical Test	Cross-cut-test DIN EN ISO 2409	Gt 0
Resistance Test	Condensate constant climate DIN EN ISO 6270-2 (CH)	240 hours Degree of blistering 0 (S 0) DIN EN ISO 4628-2
Processing and application	<ul style="list-style-type: none">Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water.	

Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms of business and delivery.



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	<p>Dry film thickness must not exceed 30 µm - risk of reaction bubbles.</p> <table> <tr> <td>■ Object temperature</td><td>10-30 °C</td></tr> <tr> <td>■ Processing conditions</td><td>Room temperature 18-25 °C Relative humidity 40-60 %</td></tr> <tr> <td>■ Immersing</td><td>15-17 Sec/ 4 mm Viscosity cup (DIN 53211)</td></tr> <tr> <td>■ Cleaning of equipment</td><td>Immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424.</td></tr> </table> <p>■ Health & Safety at Work guidelines The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous substances, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.</p>	■ Object temperature	10-30 °C	■ Processing conditions	Room temperature 18-25 °C Relative humidity 40-60 %	■ Immersing	15-17 Sec/ 4 mm Viscosity cup (DIN 53211)	■ Cleaning of equipment	Immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424.
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Curing	<table> <tr> <td>■ Oven drying</td><td>10 min./ 150 °C - 5 min./ 170 °C</td></tr> </table> <p>■ Object temperature green cross-hatching = baking conditions with good final properties</p>	■ Oven drying	10 min./ 150 °C - 5 min./ 170 °C						
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Resistance to storage	<p>■ Approx. 9 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.</p> <p>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.</p>								
Specific comments	<p>■ Test conditions All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.</p>								



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The information provided here contains reference values and does not constitute a specification.