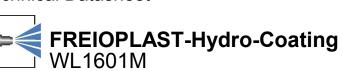
Technical Datasheet





Characteristics	Water-thinnable 1C coating		
	■ Application, e.g. in the construction and sanitary sector		
	■ Forced drying possible		
	Good light and weather resi	stance	
	■ Good initial water resistance	e	
	Suitable for derived timber products		
Technical / Physical Data	■ Binder-Base	Combination of special binders	
	Colour	All common colour shades	
	Gloss value	mat	
	Viscosity	850-1300 mPa.s/ Spindle 4 60 revolution/ min.	
	Thinner	demineralised water	
	■ pH-Value	8,5-8,7	
	■ Density calculated	1,2-1,3 g/ml	
	Solid Mass calculated	48-58 %	
	Solid content in volume calculated	320-340 ml/kg	
	Material usage theoretical, without application loss	120-130 g/m², Layer thickness 40 μm	
	Reference colour of the specified values	Colour of WL1601MRA901	
Substrate	according to customer requirements		
Pretreatment	■ 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	according to customer requirements	
	■ Top coat	WL1601MRA901 Dry film thickness 60 μm	
Mechanical Test	Cross-cut-test DIN EN ISO 2409	Gt 0	
	■ Chemical resistance	Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome.	
Processing and application	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To		

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	prevent skin formation, o	prevent skin formation, over-coat with water.		
	Dry film thickness must	Dry film thickness must not exceed 90 μm - risk of reaction bubbles.		
	Object temperature	10-30 °C		
	Processing conditions	Room temperature 18-22 °C Relative humidity 40-60 %		
	■ High pressure spraying	as delivered viscosity Nozzle: 1,5 mm Spray pressure 4 bar		
	■ Rolling / painting	as delivered viscosity		
	Over-coating capability	possible with same quality, dry at the earliest after matting		
	■ 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.		
	The standard personal s painting materials. Detai data and recommendati	■ 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.		
Curing	Air drying	at 18-22 °C, 40-60 % relative humidity with air movement		
	Dust drying	after 40 min. (degree of drying 1/ DIN EN ISO 9117-5)		
	■ Dry to the touch	after 75 Min. (degree of drying 4/ DIN EN ISO 9117-5)		
	■ Full drying	after 7 days (pendulum damping/DIN EN ISO 1522)		
	Oven drying	possible to 120°C		
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.		
	material does not neces However, for quality ass			
Specific comments				
	■ EFD-info Refer to the EFD information Nr. 111	Refer to the EFD information for further technical information.		
	All information is based	on a standard climate 23/50 DIN EN 23270. on our product knowledge and experience. We have no pplication itself. Please do not hesitate to contact us for		

further information.

Page: 2 / 3 Version: 0 02.04.2023

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specification.