

Characteristics	Water-thinnable 1C coating			
	Application, e.g. in the vehicle construction sector			
	Fast initial drying			
	Fast complete drying			
	Good stone chip resistance			
	Good flexibility			
	Anti-drumming compound betw	ween components		
Technical / Physical Data	Binder-Base	Polyurethane resin dispersion		
	Colour	All common colour shades		
	Gloss value DIN EN ISO 2813	tuff mat 3-10 Angle 85°		
	Viscosity	7500-8500 mPa.s/ Spindle 1 60 revolution/ min.		
	Thinner	demineralised water		
	pH-Value	8,0-8,5		
	Density calculated	1,2-1,4 g/ml		
	Solid Mass	61-63 %		
	Solid content in volume calculated	454-494 ml/kg		
	Material usage theoretical, without application loss	2400-2800 g/m², Layer thickness 1000 μm		
	 Reference colour of the specified values 	Colour of WL1710MM2166		
Substrate	KTL primed			
Pretreatment		adhesion-impairing substances such as oil, grease, due. Preliminary tests are recommended for assuring es on the substrate.		
Structure recommendation	Substrate	KTL-primed		
	Top coat	WL1710MM2166 Dry film thickness 1000 μm		
Mechanical Test	Cross-cut-test DIN EN ISO 2409	Gt 0		
	Stone chipping test DIN EN ISO 20567-1	Characteristic value 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		
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	Page: 1 / 3	Emil Frei GmbH & Co. KG Döggingen Am Bahnhof 6 78199 Bräunlingen GERMANY Phone +49 [0] 7707.151-0 DIN EN ISO 9001 Fax +49 [0] 7707.151-238		
our terms of business and delivery.	Version: 0 02.04.2023	IATF 16949 www.freilacke.de EMAS info@freilacke.de		

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Exist spray test (NSS) 240 hours Water ingress Wb < 2 mm DIN EXISC 4229 - 3 Image: The instance Short time loading 60°C Image: Comparison of the instance Next NISC 4229 - 3 Processing and application Chemical resistance Next NISC 4229 - 3 Processing and application Prior to use, str well or mix components homogeneously (e.g., with fast mixer). To prevent skin formation, over-coat with water. Dy film thickness must not exceed 5000 µm - risk of reaction bubbles. Object temperature 10-30 °C Image: Comparison of the instance Room temperature 18-22 °C Processing conditions Room temperature 18-22 °C Processing conditions Room temperature 18-22 °C Image: Comparison of the instance					
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	suitable for the intended application.
Specific comments	 EFD-info Refer to the EFD information for further technical information. Nr. 111 + 510
	 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. The information provided here contains reference values and does not constitute a specification.



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