

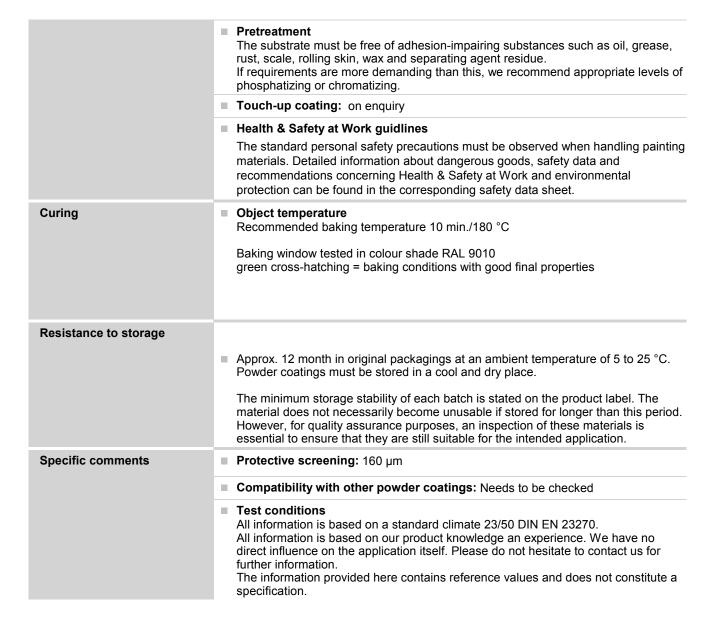
Processing and application Dependent on plant and buildings		Processing / Loading Corona, Tribo	
	•	Chemical resistance	Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome.
	1	SO2-industry atmosphere DIN EN ISO 3231	10 cycles at 0,2 I SO ₂ no change
		Salt spray test (NSS) DIN EN ISO 9227	240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	•	Condensate constant climate DIN EN ISO 6270-2 (CH)	500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
Resistance Test	-	on iron phosphated steel panel	
	•	Buchholz penetration test DIN EN ISO 2815	<1,2 mm
	•	Impact-Test DIN EN ISO 6272-1	>40 kg cm (front)
	-	Erichsen index DIN EN ISO 1520	>3 mm
Mechanical Test on steel panel ST 1405	-	Cross-cut-test DIN EN ISO 2409	Gt 0
	-	Material usage	0,1 kg/m² with 70 μm mean test layer thickness
	-	Density	1,2-1,7 g/cm ³ colour-dependent
		Test layer thickness	70 µm by colour RAL 9010
	-	Gloss value DIN EN ISO 2813	satin mat 35-45 geometry 60°
		Colour	all common colour shades
Technical / Physical Data	-	Binder-Base	epoxy polyester resin
		For various applications, there are coatings available, whose optical appearance regarding colour, gloss degree and surface is in optimum balance.	
System Coating		System Liquid Coating	
		Antimicrobial setting	
		Good mechanical resistance an	d surface hardness
		Smooth to apply	
		Application, e.g. in the functiona	Il furniture and storage technology sector

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.

Page: 1 / 2 Version: 0 21.11.2021 DIN EN ISO 9001 IATF 16949 EMAS Emil Frei GmbH & Co. KG Döggingen Am Bahnhof 6 78199 Bräunlingen | GERMANY Phone +49 [0] 7707.151-0 Fax +49 [0] 7707.151-238 www.freilacke.de info@freilacke.de







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