

Characteristics	Powder coating for interior use	e
	Application, e.g. in the mecha	nical engineering and plant construction sector
	satin mat, coarse structure	
	Gas oven-resistant setting	
	Good mechanical resistance a	and surface hardness
	Uniform surface structure across	oss a range of 70 to 120 μm
System Coating	System Liquid Coating	
		e are coatings available, whose optical appearance e and surface is in optimum balance.
Technical / Physical Data	Binder-Base	epoxy polyester resin
	Colour	all common colour shades
	Gloss value	satin mat
	Test layer thickness	90 µm by colour RAL 9010
	Density calculated	1,2-1,7 g/cm ³ colour-dependent
	Material usage	0,13 kg/m² with 90 μm mean test layer thickness
Mechanical Test on steel panel ST 1405	Cross-cut-test DIN EN ISO 2409	Gt 0
	Erichsen index DIN EN ISO 1520	>2 mm
	Impact-Test DIN EN ISO 6272-1	>40 kg cm (front)
Resistance Test	on iron phosphated steel panel	el
	Condensate constant climate DIN EN ISO 6270-2 (CH)	500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	Salt spray test (NSS) DIN EN ISO 9227	240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	SO2-industry atmosphere DIN EN ISO 3231	10 cycles at 0,2 I SO ₂ no change
	Chemical resistance	Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome.
Processing and application Dependent on plant and buildings	Processing / Loading Corona, Tribo	
	Pretreatment The substrate must be free of	adhesion-impairing substances such as oil, grease,

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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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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phosphatizing or chromatizing. Touch-up coating: on enquiry Health & Safety at Work guidlines The standard personal safety precations must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concering Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet. Curing • Object temperature Recommended baking temperature 10 min./180 °C Baking window tested in colour shade RAL 9010 green cross-hatching = baking conditions with good final properties ####################################					
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