

Characteristics		Powder coating for decorative u	ise on exteriors	
		Application, e.g. in the functional furniture and storage technology sector		
		mat, micro structure		
		Metallic effect, bonded		
		Uniform surface structure acros	s a range of 70 to 110 μm	
		Good mechanical resistance an	d surface hardness	
		Good light and weather resistar	ice	
System Coating		System Liquid Coating		
		For various applications, there are coatings available, whose optical appearance regarding colour, gloss degree and surface is in optimum balance.		
Technical / Physical Data		Binder-Base	polyester resin	
		Colour	all common colour shades	
	•	Gloss value	mat	
		Test layer thickness	80 μm by colour RAL 9006	
	-	Density calculated	1,2-1,7 g/cm ³ colour-dependent	
	Ľ	Material usage	0,12 kg/m² with 80 μm mean test layer thickness	
Mechanical Test on steel panel ST 1405		Cross-cut-test DIN EN ISO 2409	Gt 0	
	1	Erichsen index DIN EN ISO 1520	>3 mm	
	Ľ	Impact-Test DIN EN ISO 6272-1	>60 kg cm (front)	
Resistance Test		on zinc phosphatized steel plate	9	
	1	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	
	•	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		
	-	Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. If requirements are more demanding than this, we recommend appropriate levels of phosphatizing or chromatizing.		
		Touch-up coating: on enquiry		
Jur technical data sheets are to provide				
Dur technical data sheets are to provide ou with advice based on our latest state of nowledge. This guidance does not release ou from your own obligation to test our roducts for their suitability for your			Emil Frei GmbH & Co. KG Döggingen Am Bahnhof 6 78199 Bräunlingen GERMANY Phone ±40 [0] 7707 151-0	

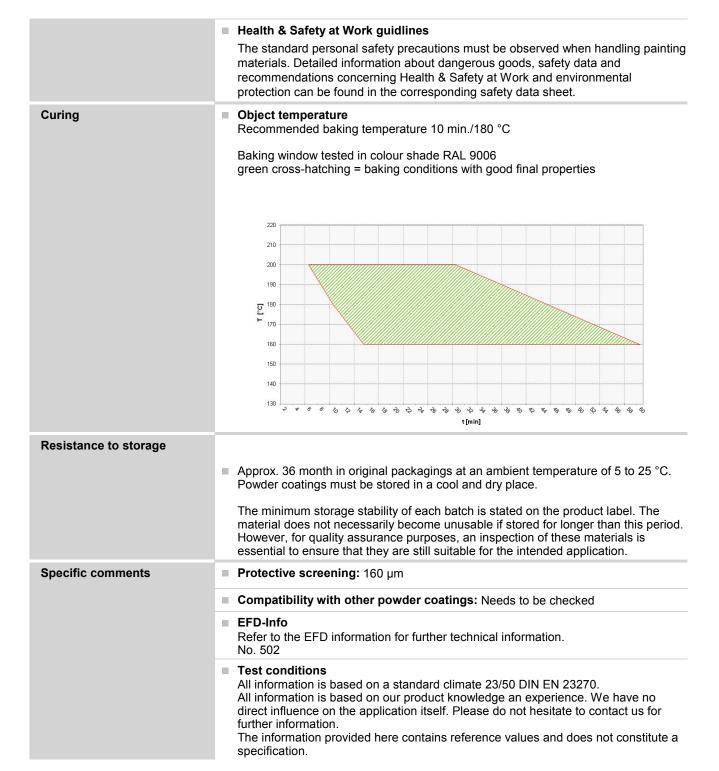
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DIN EN ISO 9001 IATF 16949 EMAS Emil Frei GmbH & Co. KG Dögingen Am Bahnhof 6 78199 Bräunlingen | GERMANY Phone +49 [0] 7707.151-0 Fax +49 [0] 7707.151-238 www.freilacke.de info@freilacke.de

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