

Characteristics		Powder coating for decorative u	se on exteriors	
		Application, e.g. in the mechanical engineering and plant construction sector		
		satin glossy, smooth		
		Metallic effect, bonded		
		Good mechanical resistance an	d surface hardness	
		Good light and weather resistan	се	
		Smooth to apply		
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 shade	es
		Gloss value	satin glossy	
		Test layer thickness	80 $\mu m$ by colour RAL 90	06
		Density calculated	1,2-1,7 g/cm <sup>3</sup> colour-dep	pendent
		Material usage	0,12 kg/m² with 80 μm mean test layer thicknes	s
Mechanical Test on steel panel ST 1405		Cross-cut-test DIN EN ISO 2409	Gt 0	
		Erichsen index DIN EN ISO 1520	>3 mm	
		Impact-Test DIN EN ISO 6272-1	>60 kg cm (front)	
Resistance Test	-	on zinc phosphatized steel plate		
		Condensate constant climate DIN EN ISO 6270-2 (CH)	1000 hours Water ingress Wb < 1 n DIN EN ISO 4628-8	ım
		Salt spray test (NSS) DIN EN ISO 9227	500 hours Water ingress Wb < 1 n DIN EN ISO 4628-8	ım
		Chemical resistance	Needs to be checked. The temperature and co have a major influence of	ncentration of chemicals on the test outcome.
Processing and application Dependent on plant and buildings		<b>Processing / Loading</b> Corona		
		<b>Pretreatment</b> 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		
Our 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			С А 7	mil Frei GmbH & Co. KG löggingen m Bahnhof 6 8199 Bräunlingen   GERMANY bono + 49 [0] 7707 151 0

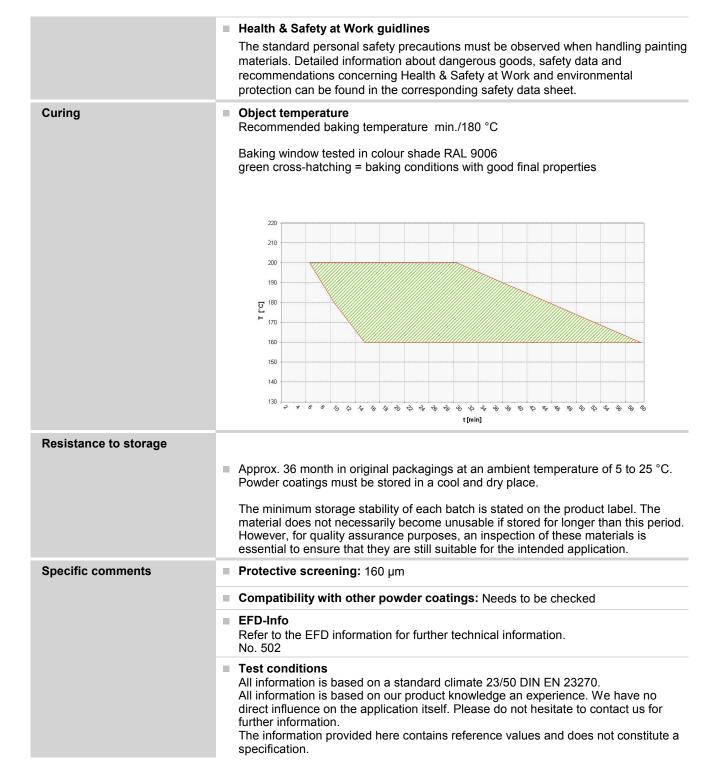
you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms of business and delivery.

Page: 1 / 2 Version: 1	
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

FreiLacke





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.



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

**Frei**Lacke