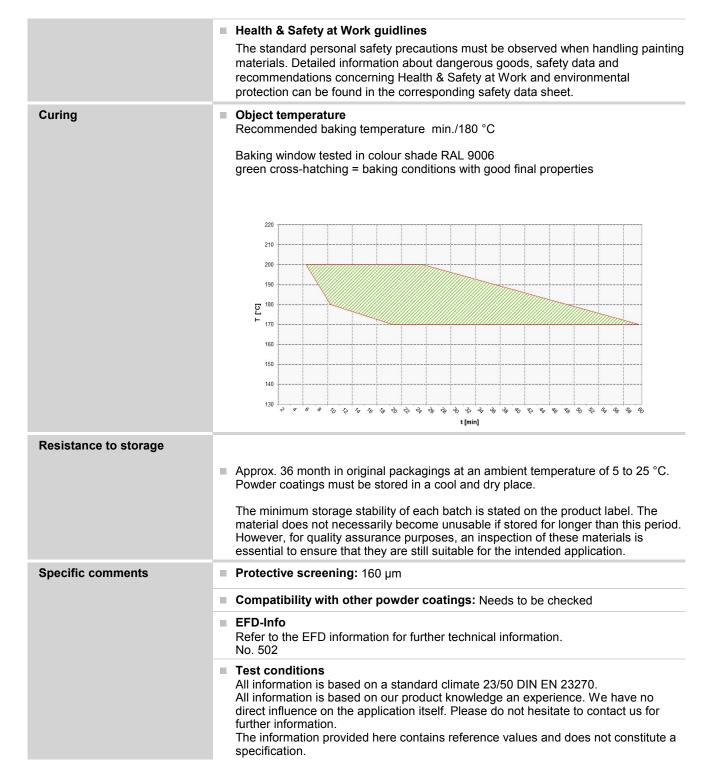


Characteristics	Powder coating for dec	corative use on exteriors	
	Application, e.g. in the	mechanical engineering and plant construction sector	
	satin mat, smooth		
	Metallic effect, bonded		
	Good mechanical resist	tance and surface hardness	
	Good light and weathe	r resistance	
	Smooth to apply		
System Coating	System Liquid 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	satin mat	
	Test layer thickness	80 µm by colour RAL 9006	
	Density calculated	1,2-1,7 g/cm ³ colour-dependent	
	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	
	Erichsen index DIN EN ISO 1520	>3 mm	
	Impact-Test DIN EN ISO 6272-1	>60 kg cm (front)	
Resistance Test	on zinc phosphatized s	teel plate	
	Condensate constant of DIN EN ISO 6270-2 (CH)	limate 500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8	
	Salt spray test (NSS) DIN EN ISO 9227	500 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: or	n enquiry	
Dur technical data sheets are to provide you with advice based on our latest state of cnowledge. This guidance does not release you from your own obligation to test our products for their suitability for your		Emil Frei GmbH & Co. KG Döggingen Am Bahnhof 6 78199 Bräunlingen GERMANY	
ntended 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	Phone +49 [0] 7707.151-0 DIN EN ISO 9001 Fax +49 [0] 7707.151-238 IATF 16949 www.freilacke.de EMAS info@freilacke.de	

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