Technical Datasheet





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	The substrust, scaulf require phospha	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.		
Processing and application Dependent on plant and buildings	Process Corona,	sing / Loading Tribo		
	■ Chemica	al resistance	Needs to be checked. The temperature and concentration of chemicals have a major influence on the test outcome.	
	Salt spra	ay test (NSS) ⁹²²⁷	120 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8	
	Condens DIN EN ISO	sate constant climate 6270-2 (CH)	240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8	
Resistance Test	on iron p	phosphated steel panel		
	■ Impact-T		>40 kg cm (front)	
	■ Erichsen		>2 mm	
Mechanical Test on steel panel ST 1405	Cross-cu		Gt 0	
	Material	usage	0,1 kg/m² with 70 μm mean test layer thickness	
	Density calculated		1,2-1,7 g/cm³ colour-dependent	
	■ Test laye	er thickness	70 µm by colour RAL 7035	
	■ Gloss va		satin mat 40-60 geometry 60°	
	Colour		all common colour shades	
Technical / Physical Data	■ Binder-B		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 I	System Liquid Coating		
	■ Cost-effe	Cost-effective basic quality		
	Good mechanical resistance and surface hardness			
	 Powder coating for interior use Application, e.g. in the functional 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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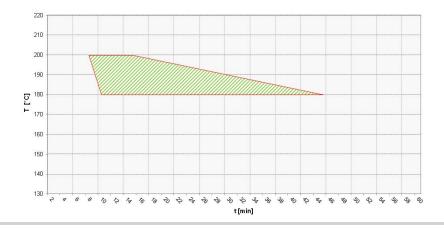
Curing

The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Object temperature

Recommended baking temperature 10 min./180 °C

Baking window tested in colour shade RAL 7035 green cross-hatching = baking conditions with good final properties



Resistance to storage

Approx. 36 month in original packagings at an ambient temperature of 5 to 25 °C. Powder coatings must be stored in a cool and dry place.

The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.

Specific comments

- Protective screening: 160 µm
- Compatibility with other powder coatings: Needs to be checked

Test conditions

All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.

The information provided here contains reference values and does not constitute a specification.