Technical Datasheet





Characteristics	Powder coating for decorative use on exteriors	
	plication, e.g. in the building facade sector	
	tin glossy, smooth	
	etallic effect, bonded	
	nooth to apply	
	ood mechanical resistance and surface hardness	
	ood light and weather resistance	
System Coating	stem 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	nder-Base polyester resin	
	olour all common colour sha	des
	oss value satin glossy	
	st layer thickness 80 µm by colour RAL 9	006
	ensity 1,2-1,7 g/cm³ colour-de	pendent
	aterial usage 0,12 kg/m² with 80 µm mean test layer thickne	ess
Mechanical Test on steel panel ST 1405	oss-cut-test Gt 0 EN ISO 2409	
	chsen index >3 mm EN ISO 1520	
	pact-Test 80 kg cm (front) EN ISO 6272-1	
Resistance Test	zinc phosphatized steel plate	
	ondensate constant climate EN ISO 6270-2 (CH) Water ingress Wb < 1 DIN EN ISO 4628-8	mm
	It spray test (NSS) 500 hours EN ISO 9227 Water ingress Wb < 1 DIN EN ISO 4628-8	mm
	nemical resistance Needs to be checked. The temperature and contains the major influence	concentration of chemicals on the test outcome.
Processing and application Dependent on plant and buildings	ocessing / Loading orona, Tribo	
	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.	
	uch-up coating: on enquiry	

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





Health & Safety at Work guidlines

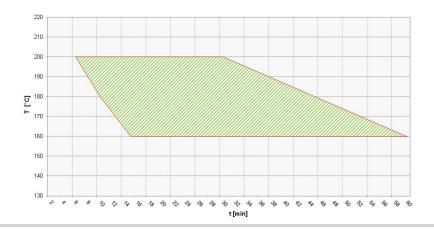
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

Object temperature

Recommended baking temperature 10 min./180 °C

Baking window tested in colour shade RAL 9006 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
- EFD-Info

Refer to the EFD information for further technical information. No. 502

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.

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