Technical Datasheet





	ing for restricted use on industrial exteriors
■ Application	e.g. in the construction and sanitary sector
■ mat, smoot	
■ Metallic eff	ct, bonded
■ Good mech	nical resistance and surface hardness
■ Smooth to	oply
System Coating System Liq	id Coating
	applications, there are coatings available, whose optical appearance lour, gloss degree and surface is in optimum balance.
echnical / Physical Data Binder-Bas	polyester resin
Colour	all common colour shades
■ Gloss value visual	mat
■ Test layer t	ickness 80 µm by colour RAL 9006
■ Density calculated	1,2-1,7 g/cm³ colour-dependent
■ Material us	ge 0,12 kg/m² with 80 µm mean test layer thickness
Mechanical Test n steel panel ST 1405 □ Cross-cut-t DIN EN ISO 240	st Gt 0
■ Erichsen in DIN EN ISO 152	ex >2 mm
■ Impact-Tes	>60 kg cm (front)
Resistance Test on zinc pho	phatized steel plate
Condensat DIN EN ISO 627	constant climate 500 hours 2 (CH) Water ingress Wb < 1 mm DIN EN ISO 4628-8
■ Salt spray to DIN EN ISO 922	st (NSS) 240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
■ Chemical re	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 Corona	/ Loading
rust, scale, If requirem	e must be free of adhesion-impairing substances such as oil, grease, olling skin, wax and separating agent residue. Its are more demanding than this, we recommend appropriate levels of g or chromatizing.
■ Touch-up	pating: on enquiry
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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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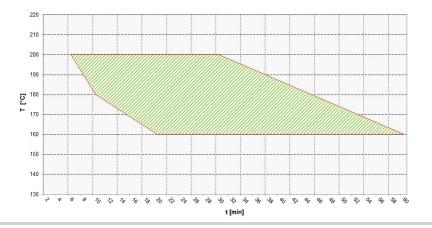
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

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.

DIN EN ISO 9001

IATF 16949

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