Technical Datasheet





	Salt spray test (NSS) DIN EN ISO 9227 SO2-industry atmosphere DIN EN ISO 3231	DIN EN ISO 4628-8 240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8 10 cycles at 0,2 I SO 2 no change
		DIN EN ISO 4628-8 240 hours Water ingress Wb < 1 mm
		DIN EN ISO 4628-8
		500 hours Water ingress Wb < 1 mm
- (on iron phosphated steel panel	
		>40 kg cm (front)
		>2 mm
		Gt 0
- 1	Material usage	0,15 kg/m² with 100 μm mean test layer thickness
		1,2-1,7 g/cm³ colour-dependent
	Test layer thickness	100 µm by colour RAL 9010
		mat
	Colour	all common colour shades
		epoxy polyester resin
		re coatings available, whose optical appearance
. :	System Liquid Coating	
	·	ce
	-	cal engineering and plant constituction sector
		 satin mat, coarse structure Very good temperature resistant Uniform surface structure across System Liquid Coating For various applications, there are garding colour, gloss degree at regarding colour, gloss degree at regarding colour Gloss value visual Test layer thickness Density calculated Material usage Cross-cut-test DIN EN ISO 2409 Erichsen index DIN EN ISO 1520 Impact-Test DIN EN ISO 6272-1 on iron phosphated steel panel

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





phosphatizing or chromatizing.

■ Touch-up coating: on enquiry

Health & Safety at Work guidlines

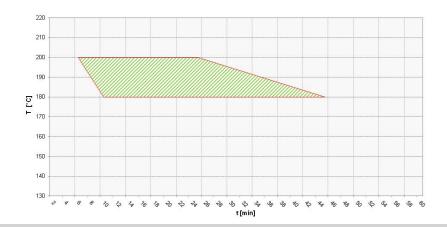
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

Object temperature

Recommended baking temperature 10 min./180 °C

Baking window tested in colour shade RAL 9010 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.

DIN EN ISO 9001

IATF 16949

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