# **Technical Datasheet**





	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and	
	■ Health & Safety at Work (	guidlines
	■ Deposition Voltage	70-200 voltage
	■ Coating Time	60-180 seconds
	■ Bath Temperature	24-27 °C
	■ Organic Solvent Content	0,6-1,2 %
	MEQ-Base-Value DIN EN ISO 15880	41-44 mg/g
	Solid Mass DIN EN ISO 3251	19-21 %
	Cunductance	1800-2000 μS/cm
	■ pH-Value	8,1-8,7
	Gloss value DIN EN ISO 2813	25-45 geometry 60°
Processing and application Dependent on plant and buildings	Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue.	
	Condensate constant clima	water ingress Wb <1 mm DIN EN ISO 4628-8
Resistance Test	on steel, purified alkaline	ate 504 hours
	Cross-cut-test DIN EN ISO 2409	Gt 0
Mechanical Test	on steel, purified alkaline	0.0
	■ Test layer thickness	8-12 μm
	■ Viscosity	5000-10000 mPa.s
	DIN EN ISO 15880	
	calculated  MEQ-Base-Value	27-33
	DIN EN ISO 3251  Density	1,24 g/cm³
	■ Solid Mass	Based on the specified colour template (i.e. RAL) 68-72 %
	Colour	Quinn EP white
Technical / Physical Data	■ Binder-Base	Acrylic Resin
	■ Good Allround Properties	
	■ Primer	
	Subsequent paste filling, partly neutralised	
Characteristics	<ul> <li>Anodic electrocoat paint depositable 1K</li> <li>Application, e.g. in the construction and sanitary sector</li> </ul>	

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: 1 31.07.2022 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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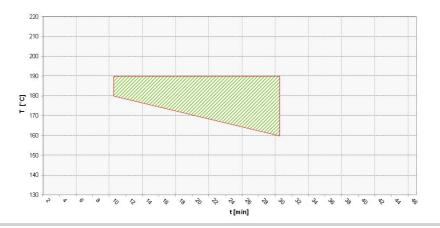
Curing

recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

#### Object temperature

Recommended baking temperature 20 Min./170 °C

green cross-hatching = baking conditions with good final properties



#### Resistance to storage

One Turn-Over per year

Approx. 12 month in original packagings at an ambient temperature of 5 to 25 °C. Protect from frost. Open packages are to be used within a short time.

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**

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.