

Characteristics       = Powder coating for interior use         = Application, e.g. in the functional furniture and storage technology         = satin glossy, smooth         = Metallic effect, non-bonded         = Good mechanical resistance and surface hardness         = Smooth to apply         System Coating         = System Liquid Coating         For various applications, there are coatings available, whose optin regarding colour, gloss degree and surface is in optimum balance regarding colour, gloss degree and surface is in optimum balance         Technical / Physical Data       = Binder-Base epoxy polyester resin         = Colour       all common colour shades         = Gloss value       satin glossy         = Test layer thickness       80 µm by colour-dependent         = Density       1,2-1,7 g/cm² colour-dependent         = double       = Cross-cut-test       G10         Insteam Index       >3 mm         = Impact-Test       >60 kg cm (front)         = Binter Not 2400       G1         = Impact-Test       >60 kg cm (front)         = Binter Not 2400       G1 0         = Impact-Test       >60 kg cm (front)         = Binter Not 220       Sol 221         = Impact-Test       >60 kg cm (front)         = Binter Not 220       Sol 220			
satin glossy, smooth         Metallic effect, non-bonded         Good mechanical resistance and surface hardness         System Coating         System Coating         System Coating         For various applications, there are coatings available, whose opting a system Liquid Coating         For various applications, there are coatings available, whose opting a system coating and surface is in optimum balance         Technical / Physical Data         Binder-Base       epoxy polyester resin         Colour       all common colour shades         Gloss value       satin glossy         Test layer thickness       80 µm by colour RAL 9006         Density       1,2-1,7 g/cm <sup>3</sup> colour-dependent         advalued       satin glossy         Test layer thickness       80 µm by colour RAL 9006         Density       1,2-1,7 g/cm <sup>3</sup> colour-dependent         advalued       Satin glossy         Test layer thickness       80 µm by colour response         Mechanical Test       Cross-cut-test         on steel panel ST 1405       Eric RN iso 1802         Im RN iso 2827       >60 kg cm (front)         Im NEN iso 2827       >60 kg cm (front)         Im NEN iso 2827       >60 kg cm (front)         Im NEN iso 2827       Sati spray test (NSS) <t< th=""><th>Characteristics</th><th>owder coating for interior use</th><th></th></t<>	Characteristics	owder coating for interior use	
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Mechanical Test on steel panel ST 1405 <ul> <li>Cross-cut-test DIN EN ISO 2409</li> <li>Erichsen index DIN EN ISO 1520</li> <li>S3 mm</li> <li>Impact-Test DIN EN ISO 6272-1</li> <li>Buchholz penetration test DIN EN ISO 2815</li> <li>S0 begins</li> <li>Condensate constant climate DIN EN ISO 4628-8</li> <li>Condensate constant climate DIN EN ISO 4628-8</li> <li>Salt spray test (NSS) DIN EN ISO 4628-8</li> <li>Chemical resistance</li> <li>Needs to be checked. The temperature and concentral have a major influence on the te</li> </ul> <li>Processing and application Dependent on plant and buildings</li> <li>Processing / Loading Corona</li> <li>Pretreatment The substrate must be free of adhesion-impairing substances suc rust, scale, rolling skin, wax and separating agent residue.</li>			Jent
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DIN EN ISO 1520         Impact-Test DIN EN ISO 6272-1       >60 kg cm (front)         Buchholz penetration test DIN EN ISO 2815       <1,2 mm         Resistance Test       Impact on iron phosphated steel panel         Condensate constant climate DIN EN ISO 6270-2 (CH)       500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8         Salt spray test (NSS)       240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8         Salt spray test (NSS)       240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8         Chemical resistance       Needs to be checked. The temperature and concentrat have a major influence on the temperature and concentrat have a major influence on the temperature to corona         Processing and application Dependent on plant and buildings       Processing / Loading Corona         Pretreatment The substrate must be free of adhesion-impairing substances suc rust, scale, rolling skin, wax and separating agent residue.			
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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.

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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





	nhoonhatizing or chromotizing
	phosphatizing or chromatizing.
	Touch-up coating: on enquiry
	Health & Safety at Work guidlines The standard paragraph asfath processing must be observed when bandling painting
	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	<ul> <li>Object temperature Recommended baking temperature 10 min./180 °C</li> <li>Baking window tested in colour shade RAL 9006</li> </ul>
	green cross-hatching = baking conditions with good final properties
	210
	200
	190
	ي 180 تو
	180
	150
	140
	130
	t[min]
Resistance to storage	<ul> <li>Approx. 36 month in original packagings at an ambient temperature of 5 to 25 °C.</li> <li>Powder coatings must be stored in a cool and dry place.</li> </ul>
	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
	<ul> <li>EFD-Info</li> <li>Refer to the EFD information for further technical information.</li> <li>No. 502</li> </ul>
	<ul> <li>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.     </li> </ul>

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