

Characteristics <ul> <li>Powder coating for interior use</li> <li>Application, e.g. in the functional furniture and storage technology sector</li> <li>in mat, smooth</li> <li>Smooth to apply</li> <li>Good mechanical resistance and scratch resistance</li> </ul> System Coating <ul> <li>System Liquid Coating</li> <li>For various applications, there are coatings available, whose optical appearance regarding colour, gloss degree and surface is in optimum balance.</li> </ul> Technical / Physical Data <ul> <li>Binder-Base</li> <li>epoxy polysets resin</li> <li>Colour</li> <li>all common colour shades</li> <li>Gloss value</li> <li>mat</li> <li>mat</li> <li>mat</li> <li>mat</li> <li>System Liquid Coating</li> <li>Test layer thickness</li> <li>70 µm by colour RAL 7035</li> <li>Density</li> <li>1.2-1.7 g/cm<sup>2</sup> colour-dependent</li> <li>Enclose value</li> <li>Material usage</li> <li>0.1 kg/m<sup>2</sup> with 70 µm</li> <li>mater test layer thickness</li> <li>Material usage</li> <li>0.1 kg/m<sup>2</sup> with 70 µm</li> <li>material with 02200</li> <li>Bit is the 2000</li> <li>Erichsen index</li> <li>Dimeterio2200</li> <li>Bit is the 2000</li> <li>Erichsen index</li> <li>Dimeterio2201</li> <li>Solo hours</li> <li>Water ingress Wb &lt; 1 mm</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Solo hours</li> <li>Water ingress Wb &lt; 1 mm</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Solo hours</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Solo hours</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li> <li>Dimeterio2202</li></ul>				
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on steel panel ST 1405       DIN EN ISO 2409         Image: Erichsen index DIN EN ISO 1520       >3 mm         Image: Test DIN EN ISO 6272-1       >60 kg cm (front)         Image: Test DIN EN ISO 6272-1       >60 kg cm (front)         Image: Test DIN EN ISO 6272-1       >60 kg cm (front)         Image: Test DIN EN ISO 6272-2 (CH)       S00 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8         Image: Salt spray test (NSS) DIN EN ISO 6227       240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8         Image: Chemical resistance       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       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.         Touch-up coating: on enquiry		Material usage		
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Health & Safety at Work guidlines		Touch-up coating: 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.

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## **FREOPOX-Powder Coating** PB3501A

	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./200 °C Baking window tested in colour shade RAL 7035 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	<ul> <li>Protective screening: 160 µm</li> <li>Compatibility with other powder coatings: Needs to be checked</li> <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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