

Characteristics	Powder coating for interior use	
	Application, e.g. in the mechanical engineering and plant construction sector	
	mat, coarse structure	
	Metallic effect, bonded	
	Good mechanical resistance	e and surface hardness
	Uniform surface structure across a range of 70 to 120 µm	
System Coating	System Liquid Coating	
	For various applications, there are coatings available, whose optical appearance 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	mat
	Test layer thickness	80 µm by colour RAL 9006
	Density calculated	1,2-1,7 g/cm <sup>3</sup> colour-dependent
	Material usage	0,12 kg/m² with 80 μm mean test layer thickness
Mechanical Test on steel panel ST 1405	Cross-cut-test DIN EN ISO 2409	Gt 0
	Erichsen index DIN EN ISO 1520	>2 mm
	Impact-Test DIN EN ISO 6272-1	>40 kg cm (front)
Resistance Test	on iron phosphated steel pa	nel
	Condensate constant climat DIN EN ISO 6270-2 (CH)	te 500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	Salt spray test (NSS) DIN EN ISO 9227	240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	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	Processing / Loading Corona, Tribo	
	<ul> <li>Pretreatment</li> <li>The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue.</li> <li>If requirements are more demanding than this, we recommend appropriate levels of phosphatizing or chromatizing.</li> </ul>	
	Touch-up coating: on enq	uiry

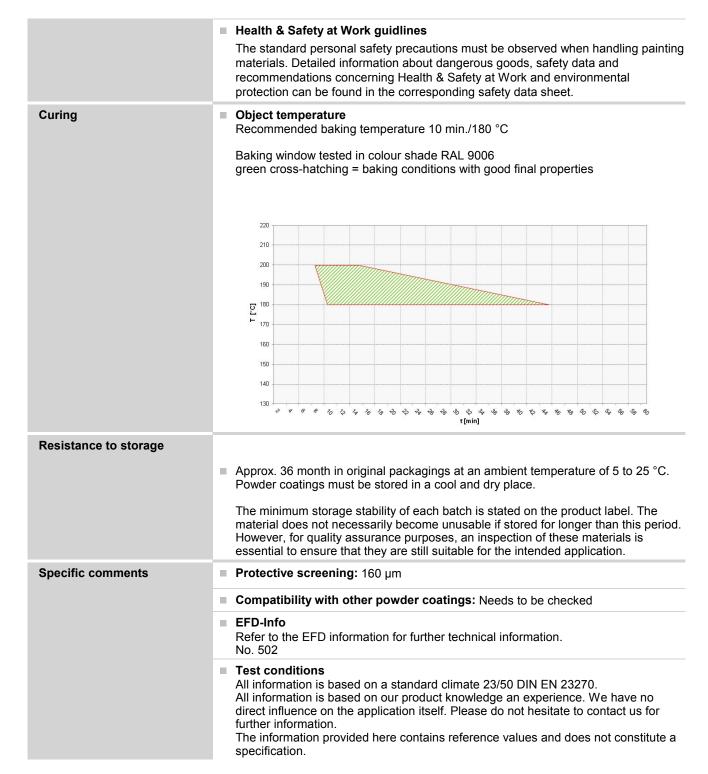
Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms of business and delivery.



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