Technical Datasheet





Characteristics	Powder coating for interior use	
	Application, e.g. in the mechanical engineering and plant construction sector	
	mat, middle structure	
	Good corrosion protection	
	Good mechanical resistance and surface h	nardness
	Uniform surface structure across a range of	of 70 to 110 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 pol	yester resin
	Colour all commo	on colour shades
	Gloss value mat	
	Test layer thickness 90 µm by	colour RAL 7035
	Density 1,2-1,7 g/	cm³ colour-dependent
		n² with 80 μm t layer thickness
Mechanical Test on steel panel ST 1405	Cross-cut-test Gt 0 DIN EN ISO 2409	
	Erichsen index DIN EN ISO 1520 >2 mm	
	Impact-Test >40 kg cr	m (front)
Resistance Test	on iron phosphated steel panel	
	Condensate constant climate DIN EN ISO 6270-2 (CH) Water inc DIN EN IS	gress Wb < 1 mm
	Salt spray test (NSS) DIN EN ISO 9227 Water inc DIN EN IS	gress Wb < 1 mm
	SO2-industry atmosphere 10 cycles no chang	s at 0,2 I SO ₂ e
	The temp	be checked. berature and concentration of chemicals ajor influence on the test outcome.
Processing and application Dependent on plant and buildings	Processing / Loading Corona, Tribo	
	Pretreatment The substrate must be free of adhesion-im	pairing substances such as oil, grease,

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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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

Health & Safety at Work guidlines

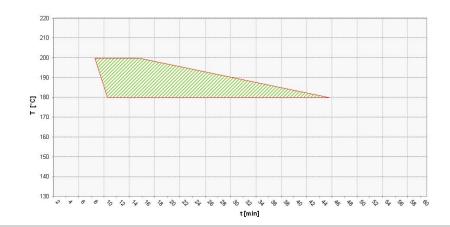
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

Object temperature

Recommended baking temperature 10 min./180 °C

Baking window tested in colour shade RAL 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

- 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.