# **Technical Datasheet**





Characteristics	Powder coating for interior use		
	Application, e.g. in the functional furniture and storage technology sector		
	satin glossy, smooth		
	Good mechanical resistance and surface hardness		
	Very smooth to apply		
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	e	epoxy polyester resin
	Colour		all common colour shades
	Gloss value DIN EN ISO 2813		satin glossy 60-75 geometry 60°
	Test layer th	nickness	70 μm by colour RAL 9010
	Density calculated		1,2-1,7 g/cm³ colour-dependent
	Material usa	age	0,1 kg/m² with 70 μm mean test layer thickness
Mechanical Test on steel panel ST 1405	Cross-cut-te		Gt 0
	Erichsen ind DIN EN ISO 1520		>4 mm
	Impact-Test		>60 kg cm (front)
Resistance Test	on iron phosphated steel panel		
	Condensate DIN EN ISO 6270	e constant climate -2 (CH)	500 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	Salt spray to DIN EN ISO 9227		240 hours Water ingress Wb < 1 mm DIN EN ISO 4628-8
	SO2-industr DIN EN ISO 3231	ry atmosphere	10 cycles at 0,2 I SO <sub>2</sub> no change
	Chemical re	esistance	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 Corona, Trib		
	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		

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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DIN EN ISO 9001 IATF 16949 EMAS

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phosphatizing or chromatizing.

■ Touch-up coating: on enquiry

#### Health & Safety at Work guidlines

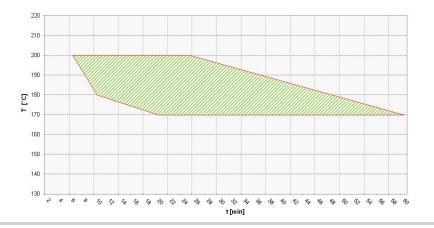
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

## Curing

## Object temperature

Recommended baking temperature 10 min./180 °C

Baking window tested in colour shade RAL 9010 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.