Technical Datasheet





Application, e.g. in the construction and sanitary sector mat, smooth	Characteristics	_	B. dansaria for the first		
mat, smooth	Cnaracteristics		-		
Good mechanical resistance and surface hardness			•		
System Coating 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 polyester resin Colour all common colour shades Gloss value mat 15-25 geometry 60° Test layer thickness 70 µm by colour RAL 9010 Density 1,2-1,7 g/cm² colour-dependent actualisted Material usage 0,1 kg/m² with 70 µm mean test layer thickness Mechanical Test on steel panel ST 1405 Eriossen lindex DINKENSO 1520 >1 mm DI					
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regarding colour, gloss degree and surface is in optimum balance. Technical / Physical Data Binder-Base polyester resin Colour all common colour shades Gloss value mat 15-25 geometry 60° Test layer thickness 70 µm by colour RAL 9010 Density calculated 1,2-1,7 g/cm³ colour-dependent Material usage 0,1 kg/m³ with 70 µm mean test layer thickness Material usage 0,1 kg/m³ with 70 µm mean test layer thickness Cross-cut-test DIN EN ISO 2409 51 mm mean test layer thickness Erichsen index 1 mm 1 mm	System Coating		System Liquid Coating		
Colour all common colour shades					
Condensate constant climate DIN EN ISO 8279-2 (CH) DIN EN ISO 4228-8 Chemical resistance Processing and application Dependent on plant and buildings Protreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. Touch-up coating: on enquiry Health & Safety at Work guildlines Touch-up coating: on enquiry Health & Safety at Work guildlines Touch-up coating: on enquiry Health & Safety at Work guildlines Touch-up coating: on enquiry Touch-up coating: on enquiry Touch-up coating: on product in the position of clear into policy in the policy of the policy o	Technical / Physical Data	٠	Binder-Base	polyester resin	
DIN EN ISO 2813 15-25 geometry 60° Test layer thickness 70 µm by colour RAL 9010 Density calculated 1,2-1,7 g/cm³ colour-dependent Material usage 0,1 kg/m² with 70 µm mean test layer thickness Mechanical Test on steel panel ST 1405 Erichsen index DIN EN ISO 24600 Erichsen index DIN EN ISO 1520 1 mm Impact-Test DIN EN ISO 6272-1 800 kg cm (front) Condensate constant climate DIN EN ISO 6272-2 (CM) Water ingress Wb < 1 mm DIN EN ISO 622-8 Salt spray test (NSS) 240 hours Water ingress Wb < 1 mm DIN EN ISO 622-8 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 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.			Colour	all common colour shades	
Density calculated 1,2-1,7 g/cm³ colour-dependent					
Material usage			Test layer thickness	70 μm by colour RAL 9010	
Cross-cut-test DIN EN ISO 2409 DIN EN ISO 2472-1 S80 kg cm (front)		Ŀ		1,2-1,7 g/cm³ colour-dependent	
DIN EN ISO 2409 Erichsen index		Ŀ	Material usage		
Impact-Test	Mechanical Test on steel panel ST 1405	-		Gt 0	
Resistance Test On zinc phosphatized steel plate		Ŀ		>1 mm	
Condensate constant climate DIN EN ISO 6270-2 (CH) Salt spray test (NSS) DIN EN ISO 9227 Salt spray test (NSS) DIN EN ISO 9227 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 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 Health & Safety at Work guidlines		Ŀ	Impact-Test DIN EN ISO 6272-1	>80 kg cm (front)	
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The standard personal safety precautions must be observed when handling painting			Health & Safety at Work guidli	ines	
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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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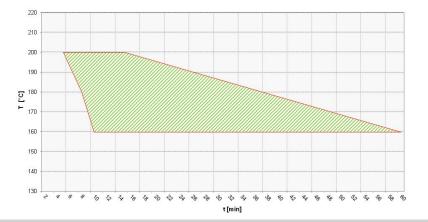
materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

Object temperature

Recommended baking temperature 10 min./160 °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.

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