Technical Datasheet





Substrate	SteelSteel - preliminary testAluminium	t required for galvanised substrates
Substrate	Steel	
	specified values	
	theoretical, without application loss. Reference colour of th	
	■ Material usage	345-380 g/m², Layer thickness 80 μm
	Solid content in volum	ne 210-230 ml/kg
	Solid Mass	44-50 %
	Density calculated	1,15-1,35 g/ml
	■ pH-Value	8,7-8,9
	Thinner	demineralised water
	■ Viscosity DIN 53211 (formerly)	Flow time 50-60 seconds 4 mm viscosity cup
	Gloss value	mat
	Colour	All common colour shades
Technical / Physical Data	■ Binder-Base	Combination of polyester/amino resin
	Good scratch resistan	се
	■ Can be coated over w	ith powder coatings
	■ Good condensation re	
	Application, e.g. in the	e mechanical engineering and plant construction sector

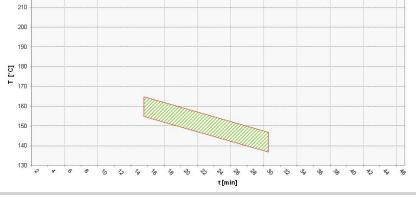
Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications. The sale of our products is in accordance with our terms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

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DIN EN ISO 4628-2 Processing and application Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water. Dry film thickness must not exceed 40 μm - risk of reaction bubbles. Object temperature 10-30 °C Processing conditions Room temperature 18-22 °C Relative humidity 40-60 % as delivered viscosity ESTA high rotation Immediately with water - possibly with addition Cleaning of equipment of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424. Health & Safety at Work guidelines The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous substances, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet. Curing Oven drying 30 min./ 140 °C - 15 min./ 160 °C Object temperature green cross-hatching = baking conditions with good final properties 220 210 200



Resistance to storage

Approx. 12 month in original packagings at an ambient temperature of 5 to 25 °C. Protect from frost. Open packages are to be used within a short time.

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

EFD-info

Refer to the EFD information for further technical information.

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Test conditions

All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and 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.

DIN EN ISO 9001

IATF 16949 EMAS