KP1665G
FREIOPLAST-Peel-off Coating

Product description

Product technology	Solvent-based air-drying coating
Drying	quickly
Full drying	fast complete drying
Substrate	Plastic, not defined in more detail, Non-ferrous metals, Steel

General product properties

Binder-Base	Polyvinylbutyral	
Colour	colourless	
Gloss visually	glossy	
Viscosity	Flow time 60-80 sec., 4 mm flow cup	DIN 53211
Density	0,90-1,00 g/ml	theoretical
Solid mass	32-35 %	theoretical
Solid content in volume	24-26 %	theoretical
Reference product	The specified values refer to the product KP1665GRU500.	
Resistance to storage	approx. 24 month in original packagings at an ambient temperature of 18 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.	

Application and processing

Pretreatment	The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, mill scale, wax and release agent residues. We recommend the use of suitable mechanical pre-treatment processes (e.g. blasting, grinding) or chemical pre-treatment processes (e.g. phosphating) according to the requirements.	
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
Thinning	EFD dilution 400906 EFD dilution 400500	
Processing conditions	from 10 °C to 25 °C	
High pressure spraying	14-18 sec. / 4 mm Flow cup Nozzle 1,5 mm Injection pressure 3-4 bar	DIN 53211
Rolling/painting	as delivered viscosity	
Material usage	without application loss 180-190 g/m² layer thickness 50 µm	theoretical

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, delivery and payment.

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Oven drying	up to 100 °C possible (object temperature)	
Air drying	20 °C, 50 % relative humidity	
Dust drying	after 10 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Dry to the touch	after 2 hours (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 18 hours (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	EFD dilution 400424	

Comments

EFD info	Further technical information can be found in the EFD Info. No. 170.
Work-and Healthprotection	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.
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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