



KP1053G EFD-Repair Coating

Product description

Product technology	solvent-based one-coat lacquer	
Application	for touching up minor coating damage after transport and assembly	
Drying	quickly	
Full drying	fast complete drying	

General product properties

Binder-Base	Combination of Polymerisate resin / co-resin	
Colour	All common colour shades	
Gloss visually	glossy	
Viscosity	Flow time 110-130 sec., 4 mm flow cup	DIN 53211
Density	0,9-1,15 g/ml	theoretical
Solid mass	37-47 %	theoretical
Solid content in volume	30-35 %	theoretical
Reference product	The specified values refer to the product KP1053GW2398.	
Resistance to storage	<p>approx. 24 month in original packagings at an ambient temperature of 5 to 25 °C. Open packages are to be used within a short time.</p> <p>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.</p>	

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 400500 EFD dilution 400474	
Processing conditions	from 10 °C to 25 °C	
High pressure spraying	20-30 sec. / 4 mm Flow cup Nozzle 1,2-1,8 mm Injection pressure 3-5 bar	DIN 53211
painting	as delivered viscosity	
Oven drying	up to 70 °C possible (object temperature) Short-term load up to 200 °C possible	



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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 1 hours (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 5 day/s (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	EFD dilution 400500	

Further processing of coated pieces

Repainting	possible after grinding
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Comments

EFD info	Further technical information can be found in the EFD Info. No. 170.
Liability test	Recommended performing adhesion tests due to different FREI-Coating systems and aging of the available coating.
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	<p>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.</p> <p>The information provided here contains reference values and does not constitute a specification.</p>