



## KP1053\_METALLIC EFD-Repair Coating

### Product description

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

### General product properties

<b>Binder-Base</b>	Combination of Polymerisate resin / co-resin	
<b>Colour</b>	according to FreiLacke reference sample	
<b>Gloss visually</b>	according to FreiLacke reference sample	
<b>Viscosity</b>	Flow time 50-80 sec., 4 mm flow cup	DIN 53211
<b>Density</b>	0,95-1,0 g/ml	theoretical
<b>Solid mass</b>	33-37 %	theoretical
<b>Solid content in volume</b>	24-28 %	theoretical
<b>Reference product</b>	The specified values refer to the product KP1053HW2142.	
<b>Resistance to storage</b>	<p>approx. 18 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

<b>Pretreatment</b>	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.	
<b>Note before use</b>	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
<b>Thinning</b>	EFD dilution 400500 EFD dilution 400474	
<b>Processing conditions</b>	from 10 °C to 25 °C	
<b>High pressure spraying</b>	20-30 sec. / 4 mm Flow cup Nozzle 1,2-1,8 mm Injection pressure 3-5 bar	DIN 53211
<b>painting</b>	as delivered viscosity	
<b>Air drying</b>	20 °C, 50 % relative humidity	



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### Oven drying

up to 70 °C possible (object temperature)  
Short-term load up to 200 °C possible

### Cleaning of equipment

EFD dilution 400500

### Further processing of coated pieces

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### Repainting

possible after grinding

### Comments

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#### 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

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.