



## KP1632M

## FREIOPLAST-Reaction GripPrimer

### Product description

<b>Product technology</b>	Solvent-based air-drying coating
<b>Application</b>	suitable as adhesion promoter
<b>Drying</b>	quickly
<b>Full drying</b>	fast complete drying
<b>Substrate</b>	Steel, Aluminium, Galvanised steel

### General product properties

<b>Binder-Base</b>	Polyvinylbutyral	
<b>Colour</b>	Yellow green	
<b>Gloss visually</b>	matt	
<b>Viscosity</b>	Flow time 60-65 sec., 4 mm flow cup	DIN 53211
<b>Density</b>	0,9-1,0 g/ml	theoretical
<b>Solid mass</b>	27-29 %	theoretical
<b>Solid content in volume</b>	16-18 %	theoretical
<b>Reference product</b>	The specified values refer to the product KP1632MRU618.	
<b>Resistance to storage</b>	<p>approx. 18 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.</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>Structure recommendation</b>	Substrate	Steel
	Primer	KP1632M Dry film thickness 10 µm
	Top coat	UR1044G Mixing ratio 5:1 HU0400 Dry film thickness 50 µm
<b>Note before use</b>	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	



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<b>Thinning</b>	EFD dilution 400424	
<b>Processing conditions</b>	from 10 °C to 25 °C	
<b>High pressure spraying</b>	18-20 sec. / 4 mm Flow cup Nozzle 1,3 mm Injection pressure 3-4 bar	DIN 53211
<b>Material usage</b>	without application loss 55-65 g/m <sup>2</sup> layer thickness 10 µm	theoretical
<b>Oven drying</b>	up to 180 °C possible (object temperature)	
<b>Air drying</b>	20 °C, 50 % relative humidity	
<b>Dust drying</b>	after 10 minutes (degree of dryness 1)	DIN EN ISO 9117-5
<b>Dry to the touch</b>	after 20 minutes (degree of dryness 4)	DIN EN ISO 9117-5
<b>Full drying</b>	after 3 day/s (pendulum damping)	DIN EN ISO 1522
<b>Cleaning of equipment</b>	EFD dilution 400424	

#### Further processing of coated pieces

<b>Repainting</b>	after 15 min. / room temperature approx. 20 °C.
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#### Comments

<b>EFD info</b>	Further technical information can be found in the EFD Info. No. 170.
<b>Work-and Healthprotection</b>	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.
<b>Test conditions</b>	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.