

# FREOLUX

Primer

KL1753VJ1134

V = Variation to the existing standard system

- Priming with solvent
- To dipping suitably
- For industrial's applications
- For film thickness < 40µm waldable

<b>Technical / Physical data</b>	<b>Resin/ binder</b>	short oillength alkyd resins
	<b>Colour</b>	black other colour shades on request
	<b>Gloss value</b> visuell	mat
	<b>Original viscosity</b> DIN 53211*	35 to 45 Sek. / 4 mm cup
	<b>Thinner</b>	EFD-Thinner 400009 or EFD-Thinner 400474
	<b>Density</b> calculated	1,2 g / ml + / - 0,1
	<b>Solid content</b> calculated	59 % + / - 1
	<b>Solid content in volume</b> calculated	340 ml / kg + / - 15 41 Vol.% + / - 3
	<b>Consumption</b> calculated in original viscosity, without application loss	140 to 150 g / m <sup>2</sup> dry film thickness 50 µm see „Special remarks“
	<b>Spreading rate</b> calculated in original viscosity, without application loss	6 to 7 m <sup>2</sup> / kg dry film thickness 50 µm see „Special remarks“

**Storability**      Approx. 18 month in original packings at an ambient temperature of 5 to 25 °C, in case the original packings are tightly closed. Opened packing must be used very shortly. The minimum storage stability of each batch is mentioned on the product label. A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective

**Processing and application**

**Application**

Stir up before the use carefully (e.g. with high-speed mixer).

spraying-airless:	in original viscosity
spraying-high-pressure:	after viscosity adjustment to 25 to 30 sec. nozzle: 1,4 mm    spraying pressure: 3 to 4 bar
by dipping:	after viscosity adjustment to 35 to 40 sec.

**Substrates**

cast steel

**Pretreatment**

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant. According to the requirements we recommend to apply the suited chemical (e.g. phosphatizing, chromating) or / and mechanical (e.g. shot blasting) pretreatment.

**Proposal for a coating system**

substrate:	cast steel	
primer:	FREOLUX-Primer	KL1753VJ1134
top coat:	FREOLUX-Paint	KL1022 or
	EFDEDUR-Paint	UR1044

**Application temperature**

above 10 °C

**Drying**

air drying at 20°C

dust dry:	after 30 min.	(degree of drying 1/ DIN 53150)
dry to touch:	after 60 min.	(degree of drying 4/ DIN 53150)
complete dry:	after 15 days	(swinging beam hardness/ ISO 1522)
oven drying:	to 80°C possible	(object temperature)

**Cleaning of working equipment**

EFD-Cleaner400500

**Advise for safety protection and protection of health**

The usual precautionary measures for ventilation as well as for personal protection are to be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning health protection and environment protection can be read in the corresponding safety data sheet.

**Special remarks**

**Test condition**

\*Indication of the delivery viscosity according to DIN 53211:  
DIN 53211 was withdrawn in October 1996.  
On request the value is available according to DIN EN ISO 2431.

All information is based on a standard climate 20/65 DIN 50014.

For the calculation of the practical consumption loss additions have to be considered. Indications to this are the practical experience and advices given in DIN 53220.

All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.

The information mentioned herein are reference values and are not given as specification.