

FREOLUX

Non-slip Coating KL1759V

- V = Variation to the existing standard system
- Solvent containing, not slipping coating material
 - For walk areas at construction machines
 - High solid content
 - Fast drying
 - Grain size 0,1 to 0,5 mm

Technical / Physical Data	Resin/ binder	alkyd resins combination
	Colour	acc. to RAL 840 HR other colour shades on request
	Gloss value visual	tuff mat
	Original viscosity Haake-Viscotester VT02	150 to 200 dPa.s / Spindel 2
	Thinner	EFD-Thinner 400011
	Density calculated	1,66 g / ml + / - 0,1
	Solid content calculated	81 % + / - 2,0
	Solid content in volume calculated	380 ml / kg + / - 20 63 Vol. % + / - 2
	Consumption calculated in original viscosity, without application loss	500 to 550 g / m ² dry film thickness 200 µm see „Special remarks“
	Spreading rate calculated in original viscosity, without application loss	1,8 to 2,0 m ² / kg dry film thickness 200 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).

by roller: in original viscosity

Substrates

Coated surfaces

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:	steel	
Primer:	FREOPOX-HighSolid-Primer	ER1980M
top coat:	EFDEDUR-HighSolid Coating	UR1991G
	FREOLUX-Non-slip Coating	KL1759V

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 4 h (degree of drying 4 / DIN 53150)

complete dry: after 14 days (swinging beam hardness / ISO 1522)

oven drying: to 70°C possible (object temperature)

The drying times were determined by the practical application (by roller).
Dry film thickness: 150 to 300 µm

Cleaning of working equipment

EFD-Thinner 400500

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

The statements concerning efficiency, drying and caution labelling depend on colour shade. The values mentioned in this data sheet are based on KL1759VRU715, slate grey.

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.