

FREOTECT

Undercoating KL1799HRU905

- Solvent containing protective coating
- Hydrophobic performance
- Permanent thermoplastic characteristics

Technical / Physical Data	Resin/ binder	Resin acid ester bitumen-like raw materials
	Colour	blackgrey - brown
	Original viscosity Haake-Viskotester VT02	2,0 to 10,0 dPas / Sp. 3
	Thinner	EFD-Thinner 400009
	Density calculated	1,3 g / ml + / - 0,2
	Solid content calculated	65 % + / - 5
	Solid content in volume calculated	370 ml / kg + / - 20
	Consumption calculated in original viscosity, without application loss	500 to 570 g / m ² dry film thickness 200 µm see „Special remarks“
	Spreading rate in original viscosity, without application loss	1,7 to 2,0 m ² / kg dry film thickness 200 µm see „Special remarks“
Storability	Approx. 9 month in original packings at an ambient temperature of 15 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: preferably
by roller/ brush: possible

Adjust the processing viscosity if necessary with EFD-Thinner 400009.

Substrates

Steel blasted acc. to Sa 2 to Sa 2 ½
Primer FREOPOX-Primer ER1912 (> 60 µm dry film thickness).

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-Primer	ER1912
top coat:	FREOTECT-Undercoating	KL1799HRU905

Application temperature

above 10 °C

Drying

air drying: above 10 °C

Cleaning of working equipment

EFD-cleaning agent 400009

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**

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.