

FREIOTHERM

Lackfarbe
KO1032

baking enamel based on acrylic resins with very good resistances
suited for single layer coating on iron and non ferrous metals

Technical and physical data	colour	acc. to RAL 840 HR other colour shades on request
	gloss value	glossy 70 to 80 geometry 20° semi gloss 40 to 50 geometry 60° mat 30 to 40 geometry 85° DIN 67530
	original viscosity	90 to 100 sec. / 4 mm cup DIN 53211
	thinner	FREIOTHERM-Verdünnung 400723
	density	1,2 g / ml + / - 0,2 calculated
	solid content	58 % + / - 3 calculated
	solid content in volume	320 ml / kg + / - 10 calculated
	material usage	150 to 160 g / m ² dry film thickness 50 µm
	storability	approx. 12 month in not opened original packings at an ambient temperature of 15 to 25 °C. Opened packing must be used very shortly.



processing and application**application**

pneumatic-spraying: after viscosity adjustment to 18 to 22 sec.
nozzle: 1,8 mm spraying pressure: 3 to 4 bar

substrates

iron and non ferrous metals

Pretreatment

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, and surfactant. If necessary grinding off or blast cleaning.

proposal for a coating system

top coat: FREIOTHERM-Lackfarbe KO1032

application temperature

above 10 °C

drying

oven drying: 30 min. / 150 °C (substrate temperature) or
10 min. / 180 °C (substrate temperature)

cleaning of working equipment

EFD-Universal-Reinigungsmittel 400071

Safety protection and protection of health**Caution label**

danger symbol and designation, GefStoffV:	Xn - harmful
danger class, VbF:	not applicable
land transport, ADR / RID:	not applicable

Advise for safety protection and protection of health

EG-safety data sheet according to 91/155/EWG
Additional information are given in data sheets available from the Professional Association of Chemical Industry.
instructional pamphlet M 017: solvent
instructional pamphlet ZH 1/375: painter and varnisher

special remarks**Test conditions**

All information is based on a standard climate 20/65 DIN 50014, the information about economy and characteristics dependent on colour.

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