

EFDESILK

Coating KT1803MRA905

- Solvent-based lacquer
 - Air drying
 - Heat resistant
- smooth and blasted steel sheet: dry film thickness < 30 µm
to 200 °C (object temperature) duration of heat test: 30 min.

Technical / Physical Data	Resin/ binder	polymer resins
	Colour	jet black RAL 9005 acc. to RAL 840 HR
	Gloss value visual	mat
	Original viscosity DIN 53211	23 to 27 Sek. / 4 mm cup
	Density calculated	1,0 g / ml + / - 0,1
	Solid content calculated	32 % + / - 2
	Solid content in volume calculated	190 ml / kg + / - 5
	Consumption calculated in original viscosity, without application loss	100 to 110 m ² / kg dry film thickness 20 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 usage is essential due to quality guaranty reasons.

Processing and application

Application

Before the use carefully stir up (e.g. with high-speed mixer).

spraying-high-pressure: in original viscosity
nozzle: 1,3 to 1,5 mm spraying pressure: 3 to 5 bar

Substrates

steel, steel blasted, casting

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
top coat: EFDESILK-Coating KT1803MRA905

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 8 h	(degree of drying 4/ DIN 53150)
complete dry:	after 3 days	(swinging beam hardness / ISO 1522)

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

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.