

EFDESILK

Primer KT1809

- Solvent containing zinc dust primer
- Air drying
- Heat resistant
 - blasted sheet: dry film thickness < 50 µm to 600 °C (object temperature)
duration of heat test: 30 min.
 - red heat, short term

Technical / Physical Data	Resin/ binder	silicon resin
	Colour	grey approx. RAL 7000 grey aluminium approx. RAL 9007 acc. to RAL 840 HR
	Gloss value visual	tuff mat
	Original viscosity Haake-Viscotester VT02	2000 to 3000 mPas / Sp.1
	Density calculated	2,1 g / ml + / - 0,1
	Solid content calculated	72 % + / - 2
	Solid content in volume calculated	150 ml / kg + / - 10
	Consumption calculated in original viscosity, without application loss	190 to 210 m ² / kg dry film thickness 30 µm see „Special remarks“

Storability Approx. 9 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-airless:	in original viscosity nozzle: 0,38 to 0,45 mm	spraying pressure: 120 to 150 bar
spraying-highpressure:	in original viscosity nozzle: 1,5 to 1,8 mm	spraying pressure: 3 to 5 bar
by roller/ brush:	in original viscosity	

Substrates

steel, steel blasted, casting

Pretreatment

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant. Purity accordance DIN EN ISO 8501-1 standard degree of cleanliness SA 2½.

Proposal for a coating system

substrate:	steel blasted	
primer:	EFDESILK-Primer	KT1809
top coat:	EFDESILK-Metal Effectcoat	KT1824MRA906

Application temperature

above 10 °C

Drying

air drying at 20°C

dust dry:	after 10 min.	(degree of drying 1/ DIN 53150)
dry to touch:	after 30 h	(degree of drying 4/ DIN 53150)
complete dry:	after 24 h	(swinging beam hardness / ISO 1522)

Recoatibility

With itself after 1 h / 20 °C

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 and drying depend on colour shade. The values mentioned in this data sheet are based on grey appox. RAL 7000. 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.