

# EFDESILK

Primer

KT1809MRU700

- 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

<b>Technical / Physical Data</b>	<b>Resin/ binder</b>	silicon resin
	<b>Colour</b>	grey approx. RAL 7000 grey aluminium approx. RAL 9007 acc. to RAL 840 HR
	<b>Gloss value</b> Visual	tuff mat
	<b>Original viscosity</b>	1000 to 2000 mPas / Sp.4
	<b>Density</b> calculated	2,1 g / ml + / - 0,1
	<b>Solid content</b> calculated	72 % + / - 2
	<b>Solid content in volume</b> calculated	150 ml / kg + / - 10
	<b>Consumption</b> calculated in original viscosity, without application loss	190 to 210 g / m <sup>2</sup> 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.

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## 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	

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### Substrates

steel, steel blasted, casting

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### 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.

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### Proposal for a coating system

substrate:	steel blasted
primer:	EFDESILK-Primer KT1809MRU700
top coat:	EFDESILK-Coating KT1809

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### Application temperature

above 10 °C

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### Drying

air drying at 20°C

dust dry:	after 10 min.	(degree of drying 1/ DIN EN ISO 9117-5)
dry to touch:	after 30 min.	(degree of drying 4/ DIN EN ISO 9117-5)
complete dry:	after 24 h	(swinging beam hardness / DIN EN ISO 1522)

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### Recoatibility

With itself after 1 h / 20°C

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### Cleaning of working equipment

EFD-Thinner 400500

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### 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.

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## 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.