



TEMPERATURE
RESISTANT
UP TO 650°C

HIGH TEMPERATURE RESISTANT TWO COMPONENT VARNISH REMOSIL TITANIUM CUI

- Very good heat resistance up to 600°C
- Peak load up to 650°C
- Can be applied on hot substrates up to 100°C
- Very good anti corrosion properties at single layer coating
- Against corrosion under insulation

High temperature resistant corrosion protection coating on the basis of special silicone resins with inorganic hardener component. Reacts to form an inert multipolymer matrix. The coating is convincing due to its high temperature resistance at temperatures up to 600°C and was specially developed to prevent corrosion under insulation (CUI).

APPLICATION

PROCESSING	NOZZLE TYPE	VISCOSITY	PRESSURE
Air syringe	1,5–1,8 mm	processing in mixing viscosity	2,5–3,5 bar
Airless	0,28–0,33 mm (309–313)	processing in mixing viscosity	70–100 bar

REMOSIL TITANIUM CUI

TECHNICAL DATA

Colours:	Silvergrey/black
Gloss degree:	Mat
Surface:	Steel, stainless steel 1.4301
Surface preparation:	Blast cleaning acc. to ISO 12944/4 grade Sa 2,5
Roughness:	Ra value = min. 6 µm and Rz value = min. 40 µm according to DIN EN ISO 4287 Do not use chemically treated sheets.
Shelf life:	At least 12 months.
Solid content:	EN ISO 3251 66 +/- 3 % in mixture e.g. black
Volume-solids content:	Calculated 44 +/- 3 % in mixture e.g. black
Specific weight:	EN ISO 2811-2 – 1,43 +/- 0,05 g/ml/20°C in mixture e.g. black
Theoret. consumption:	2,78 m²/kg /110 µm TSD

Solid content, volume, specific weight and theoretical consumption depend on the colour shade.

Processing:

Spraying, air-atomisation, airless

Application instruction:

No processing below 10°C!

Delivered viscosity:

DIN 53211 thixotrop

Mixing ratio:

10 parts by weight	Remosil Titanium CUI
1 part by weight	Hardener thinner CUI

Processing time:

After mixing 4 months

Layer thickness:

Recommended dry film thickness: approx. 90–140 µm (minimum 90 µm, maximum 160 µm)

Thinner:

87052 or 200. Use thinner 87052 for dilution and for cleaning the tools.

DRYING TIME

DRYING	TIME
Forced drying	20 min./40°C
	15 min./60°C
Air drying	40 min./20°C



This data is based on experience, for its completeness we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavourably influence the result.