

- product name : SILICOFLEX SBT 300

- general features

One-component top coat, based on silicone resins that are modified with acrylic resins and heat resistant pigments.

Very good scratch resistance.

Good elasticity.

Good heat resistance up to 300 °C.

Excellent optical effect.

- use

Especially suitable for painting structures used at working temperatures up to 300 °C.

Direct application on iron after pre-treatment of the structure through degreasing or phosphate coating.

- recommended cycles

Application on acrylic-silicone primers, respecting the overcoating time or direct application on metal after suitable pre-treatment.

20 – 30 minutes baking at 80 – 100°C is recommended.

- application and thinning method

spray : 10 - 15% with X 2 (nitro)

airless : 5 - 10% with X 2 (nitro)

When the product is applied on inorganic zinc, use acrylic thinner such as X16

- technical and supply data

specific weight : min. : 1,000 g/l - max. : 1,100 g/l

solid content : by weight . min. 29,0 % - max. 30,0 %
by volume : min. 21,0 % - max. 22,0 %

viscosity DIN 4/25 °C : min. 15" - max. 17"

film appearance : matt

colour : aluminium leafing

product type : One-component

dry film thickness : 20 - 25 microns

theoretical coverage : min. 8 m²/l - max. 9.5 m²/l

drying at 25 °C :

dust free	: 15 - 20 minutes
touch free	: 70 - 90 minutes
depth	: after baking
polymerized	: after baking

baking : 20 - 30 minutes at 80 °C

temperature resistance : 300 °C

overcoating time :

min: wet on wet **- max.:** within 30 - 60 minutes

shelf life : 24 months at + 5/35°C.