

Clearcoat U-Sil 110

1-pack Polysiloxane urethane coating material

Product description:

Clearcoat U-Sil 110 is a coating material based on sol-gel technology reducing anti-soiling and improving easy-to-clean effect. The main property is the high corrosion feature.

Fields of application:

light metal surfaces (Al), Stainless Steel, Topcoat on zinc lamellae (drum coating), heat exchangers

Product features:

- single-layer system or top coat
- DTM (direct-to-metal) coating
- transparent
- corrosion protect
- easy-to-clean
- no cromating is required
- resistant against humidity and temperature changes
- chromate and lead-free

Product data:

Color: colorless transparent

Delivery form: 0.95kg-can
20kg-hobbock
180kg-steel drum

Shelf life: At least 6 months in original closed can, stored at cool, dry conditions.

Technical data:

Type of binder: Polysiloxane-Urethane-Resin

Solid content: ca. 22 % by weight

Density: 0.945 g/L

Consumption: The needed consumption depends on the roughness of the surface and application method and is about 45 g/m².

Chemical resistance: resistant against a range of organic solvent chemicals

Processing:

Surface treatment:	In any case the surface has to be free of dirt, dust and grease. We recommend alkaline cleaning for Aluminum, Magnesium and Stainless Steel.
Application:	Spraying Nozzle size: 0.8 – 1.5 mm Spray pressure: 2.0 – 2.5 bar Dip or flood
Drying:	160°C / 60 min or 180°C / 30 min (device temperature!)
Coating thickness:	5 – 10 µm dry
Cleaning of tools:	thinner for 2 component paints

The given data is for guidance only and is not a legally binding guarantee. The product has the properties described above. The product information can and is only intended to provide non-binding advice.

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NTC Nano Tech Coatings GmbH, Marpinger Weg 2, 66636 Tholey, Germany, Tel.: +49 6853 96111-00, info@ntcgmbh.com