

Clearcoat U-Sil 130 BW

1-pack Polysiloxane-Urethane-coating material

Product description:

Clearcoat U-Sil 130 BW is a coating material based on sol-gel technology with low coating thickness. The main property is the high corrosion feature particularly in acidic environment in combination with very good easy-to-clean properties.

Fields of application:

Light metal surfaces (Al, die-cast Aluminum)

Product features:

- one coat paint
- DTM (direct-to-metal) coating
- hydrophobic
- corrosion protect in acidic environment (e.g. flue gases)
- no cromating is required
- resistant against humidity and temperature changes
- chromate and lead-free

Product data:

Color:

light yellow, transparent, glossy

Delivery form:

1kg-can
25kg-hobbock
200kg-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. 54 % by weight

Density:

ca. 1.020 g/L

Consumption:

The needed consumption depends on the roughness of the surface and application method and is about 20 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 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 / 20 min or 180°C / 10 min (object 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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