

2K Et-Sil 110 / 110 matt

2-pack polysiloxane-epoxy coating material

Product description:

2K Et-Sil 110 is a clear coating material based on sol-gel technology with easy-to-clean surface and anti-graffiti properties. The material cures at room temperature with good adhesion, good mechanical properties, weather proof and very good corrosion protection on Aluminum.

Fields of application:

Stainless steel, Aluminum, Powder coatings, GFK, concrete (note: primer recommended!)

Product features:

- one coat paint with low dry-thickness
- transparent
- hydrophobic
- high gloss or matt
- resistant against a variety of solvents
- chromate and lead-free
- hydrophobic (anti-graffiti)

Product data:

Color:

colorless, transparent, high glossy or matt

Delivery form:

2 pack system (base + hardener)
0.8kg-can base + 0.2kg hardener
20kg-hobbock base + 5kg hardener

Shelf life:

at least 6 months in original closed can, stored at cool, dry conditions.

Technical data:

Type of binder:

Polysiloxane-Epoxy-resin

Solid content:

approx. 60 – 65 % by weight

Density:

1.065 g/L comp. A + B clear
1.130 g/L comp. A + B matt

Consumption:

The needed consumption depends on the roughness of the surface and application method and is about 15-17 g/m².

Temperature resistance:	-20°C bis +150 °C
Chemical resistance:	resistant against a variety of solvent

Processing:

Surface treatment:	Based on the surface to be coated. In any case the surface has to be free of dirt, dust and grease.
Application:	Underground temperature: at least. +5°, max. 30°C Ambient conditions: at least. +5°, max. 30°C Relative humidity: max. 85 % Spraying, lambskin paint roller, paintbrush Dilution possible with: alcohol, ketone and glycol ether.
Mixing ratio:	Base : hardener = 4:1 (by weight) (e.g. 40 g Base + 10 g hardener) The base component is stirred well with a mixer prior to adding the hardener. Following correct addition of the hardener by weight proportion the mixture is mixed for several minutes until a homogeneous mixture has been created. Processing time/ pot life: within 4 h
Drying:	Hardens at room temperature dust dry (25°C) after 5h hard dry (25°C) after 12h These are guide values. Environmental conditions like humidity and temperature have an impact on the result.
Coating thickness:	5 – 10 µm after curing
Cleaning of tools:	Immediately cleaning with thinner for 2 component paints after use.

The given data is for guidance only and is not a legally 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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