

ECLON SIL

Art. 1640 / 9 / 0323

2K-anti-graffiti enamel silk gloss

VFL
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Properties

ECLON SIL 2K-anti-graffiti enamel silk gloss is a high solid 2-component paint based on epoxy silicone resin. ECLON SIL is especially characterized by high resistance to moisture, salt, industrial dirt, solvents and many chemicals. The very hard, chemically and mechanically resistant surface of ECLON SIL 2K-anti-graffiti enamel silk gloss prevents spray paint, felt-tip pen markings, glue and other soiling from adhering to it. This allows their removal without any problems and without leaving any traces, even after repeated cleaning. ECLON SIL has excellent weather and chemical resistance, good filling power, does not wrinkle or yellow.

Field of application

In structural steel engineering, bridge construction, vehicle and machine construction, chemical plant and apparatus engineering. Thanks to its above-average resistance to weathering and chalking, it is also particularly suitable for the renovation of metal facades.

Pretreatment

The substrate must be clean, dry, free of dust, rust and grease and must be sanded. For weathered powder coatings, a prior adhesion test is essential. If necessary, as with anodised light metal, a primer must be used as an adhesion promoter.

Processing

A minimum temperature of $\geq +5$ °C and a maximum air humidity of 80 % must be observed. The dew point must be observed.

System structure

1 x priming (optional) depending on the substrate with ECLON EP 2K-phosphate primer / ECLON PUR 2K-phosphate primer / ECLON PUR DA 2K-micaceous iron
1–2 x ECLON SIL 2K-anti-graffiti enamel silk gloss in the desired shade

Graffiti cleaning

Paint smears can be easily removed with GEIGER anti-graffiti cleaner. Spray on, leave to work for 3 to 5 minutes and dab off the dissolved graffiti with a soft cloth. Repeat the procedure if necessary. Then rinse the cleaned surface well with clear water.

Drying

At 20 °C substrate temperature: 60 μ m (dry film thickness)

- ◆ Tack-free after 2–3 hours
- ◆ Firm to the touch after approx. 4–5 hours

Dilution

For spray applications:

Set to 20 seconds DIN 6mm with ECLASOLV T-1900 PU spray thinner or ECLASOLV A-2249 PU spray and brush thinner (at high temperatures).

For rolling and brushing applications:

0–4 % with ECLASOLV A-851 PU brush thinner

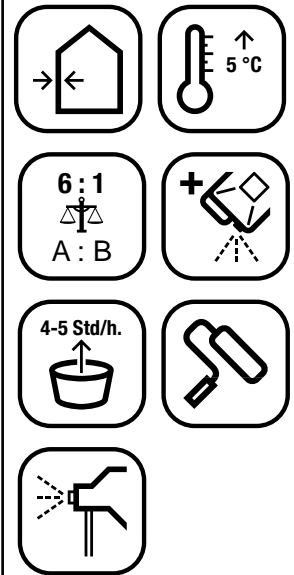
Extensiveness


Theoretically bei 60 μ m 81g per m² / Practical at 60 μ m 170g per m²

The information on practical consumption corresponds to an average value. Practical consumption can vary greatly, depending on the object geometry and the method of application.

Mixing ratio

Hardener A-2511



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6 parts by weight component A and 1 part by weight component B (6 : 1).

Pot life	After mixing the A and B components, ECLON SIL can be processed for 4–5 hours at 20 °C.
Application	Air and airless spraying, brushing or rolling.
Cleaning	Clean tools immediately after use with paint or cleaning thinner.
Renovation	If ECLON SIL must be renewed, the old system must be completely removed, otherwise good adherence is not guaranteed.
Delivery form	Packages (including hardener) of 14 and 7 kg.
Shelf life	ECLON SIL can be stored for at least 12 months in the well closed original container. The hardener can be stored for at least 12 months in well-sealed original containers. The Hardener A-2511 for 2K-ECLON SIL must always be stored well sealed.
Viscosity	Slightly thixotropic
Density	Components A + B: $1,45 \pm 0,05 \text{ g/cm}^3$ (depending on colour)
Solid content	Components A + B: Weight $97 \pm 1 \%$ / Volume $95 \pm 1 \%$
Binder base	Aliphatic epoxy silicone resin
Solvents	Aromatics, alcohols.
Pigment base	Titanium dioxide, inorganic and organic coloured pigments.
Gloss level	Silky Gloss
Colours	According to colour chart RAL, NCS or according to template.
Registration	Components A: CPID 558312 / Components B: CPID 727999
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.

Note *The specified solid value, density and coverage may vary depending on the color shade.*

This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular if thinners or hardeners and other products are used in the paint build-up system.

Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.