



PRODUCT DESCRIPTION

Recoat Silk is a highly durable, water-based, non-yellowing, satin gloss 2k coating. The coating is suitable for protecting various surfaces that are frequently touched by hand and can be used both indoors and outdoors.

Recoat Silk is resistant to skin oils.

By protecting the surface with Silk, you will have less problems with dirt adhesion, which can reduce the cleaning frequency.

Recoat Silk has excellent adhesion, flow, high efficiency, and is very tough, scratch- and wear-resistant. The coating has a satin gloss appearance and is only available in transparent.

Pre-treatment depends on the substrate and situation, and can be done with Recoat Multi Primer or Recoat Stix.

AREA OF APPLICATION

Recoat Silk is applicable to almost all substrates such as wooden, plastic, and metal surfaces.

It is advised to always first perform a test on the respective substrate.

Examples of substrates include counters, display cases, and doors.

It is also suitable for facade cladding where a luxurious appearance is desired.

JOB DESCRIPTION

Clean/degrease thoroughly with Recoat Cleaner until no residue is left. Pre-treat the substrate with Recoat Multi Primer. After drying (1 to 2 hours), apply Recoat Silk.

Apply with a 8-9 mm microfiber roller and a brush suitable for water-based coatings.



TECHNICAL PROPERTIES

Base	Clear waterborne 2K polyurethane coating free of Isocyanate
Approximate specific density	1,1 KG/L
Volume fixed percentage	40%
Potlife at 20°C	2 to 3 hours
Application temperature	10 - 30 °C
Relative humidity	A maximum of 80%
Output	Approx. 12 m ² - 16 m ² / set Is practical per set of applied product. The output depends on the application method, roughness, structure and porosity of the substrate.
Drying at 20 °C	Cleanable after 7 days, Dust dry after 30 min, Thumb-tight after 2 hours
Colour	Colourless
Gloss strength	Semi Gloss 10.0000 GU
Mix ratio	10 : 1 (Recoat base : Recoat hardener). Stir base mechanical before adding hardener for 1 minute. Mix base and hardener mechanical (min 3 min.) without adding water. Then add 20% water and mix again for 3 minutes.
VOC content	50 g/L. The product is suitable for indoor and outdoor use. EU limit for this product (catA/d): 140 g/L
Application by means of	Brush, Microfibre roller
Recommended Layer Thickness	Wet: 55 to 75 micrometres, Dry: 25 to 30 micrometres
Hardening	Minimum 7 days at a constant temperature of 20 °C.
Application	Wear gloves and ensure sufficient ventilation
Thinning	Always add water between 10% and 15%. First mix the base and the hardener mechanical (min. 3 min.). Then add water and mix again.
Transport	Temperature during storage, transport and application minimum 5° C and maximum 30°C at a relative humidity of Maximum 85%
Storage stability	A maximum of 24 months in case of dry storage and a temperature of 5°C to 30°C. Hardener for a maximum of 12 months in case of dry storage and a temperature of 5°C to 30°C
Maintenance	Do not clean with alcoholic cleaning agents

SAFETY

All Recoat products comply with the REACH standard.

ENVIRONMENT

The product contains very small quantities of solvent and is largely manufactured in accordance with the green chemistry method.

PROCESSING CONDITIONS

Surface temperature: 10-25 °C. Paint temperature: 15-30 °C. Do not apply the product under unfavorable (weather) conditions. Only add thinner after mixing component A and B. The stated amounts of thinner apply at 20 °C. Avoid working in the sun because it dries too quickly.