



PRODUCT DESCRIPTION

Recoat Floor One XS is highly durable, water-borne, non-yellowing, transparent silk matt 2k floor coating for indoor and outdoor use.

Recoat Floor One XS has excellent adhesion, flow, high efficiency and is very tough, scratch and wear resistant.

As a result, the coating protects against dirt adhesion and is very easy to clean. This makes frequent maintenance unnecessary.

AREA OF APPLICATION

Recoat Floor One XS can be used for almost all types of floors, linoleum, Plastic floors, concrete floors, including wooden floors. Recoat Floor XS is not permeable to water vapour and therefore not applicable on breathable substrates. This coating can also be used in wet areas. (no constant moisture load)

The advice is to always first put a test on the relevant surface.

The coating has been developed as a top layer for Recoat Multi primer or Recoat Stix.

For long-term maintenance of the system, we recommend using Recoat Floor Cleaner for cleaning.

JOB DESCRIPTION

Assessment of the subsoil is very important. The surface must be clean, dry and load-bearing, free, skin grease, oil etc.

Clean the surface with Recoat Floor cleaner

Then pre-treat the surface with the Recoat Multi Primer or recoat Stix and after 2-12 hours apply Recoat Floor One XS. (see TDS sheets concerning products)

Always make sure you work wet in wet. Apply product as a "normal" water-borne lacquer; apply, distribute and stay off. Avoid working in the sun because of too fast drying. Try not to apply thick layers. Never apply recoat products undiluted. Advice to always make a test surface.



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 - 15 m ² / liter Is practical per litre of applied product. The output depends on the application method, roughness, structure and porosity of the substrate.
Drying at 20 °C	Walkable after 12 hours (canbear light loads after 12-18 hours/ heavy loads (furniture) after 72 hours, Dust dry after 20 min, Cleanable after 7 days, Thumb-tight after 1 hours
Colour	Colourless
Gloss strength	Matt 10.0000 GU
Mix ratio	7 : 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	42 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 8-g mm
Recommended Layer Thickness	Wet; 55 to 75 micrometres, Dry: 25 to 30 micrometres
Hardening	Minimum 7 days at a constant temperature of 20 °C. For the first 7 days do NOT cover the floor e.g. with rugs or cardboard in connection with hardening and drying.
Application	Wear gloves and ensure sufficient ventilation
Cleaning materials	Recoat Floor Cleaner, Recoat Cleaner, Water
Thinning	Water 10% First properly 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.
Maintenance	Clean with Recoat Floor Cleaner diluted 1:50 to 1:100

SELECTION AND PREPARATION OF THE SUBSTRATE

Depending on the condition of the subsoil. After cleaning, no residue should remain, so rinsing is very important. If problems arise, the cause is almost always insufficient cleaning or wrong means used. In all these cases, the system guarantee expires. The final result depends on the processing and the condition of the substrate. Recoat does not accept any responsibility due to insufficient cleaning and/or the use of incorrect materials.

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.

IMPORTANT INFORMATION

Recoat products are for professional use only. It is very important that the applicator has sufficient knowledge of the substrate to which a particular product is applied. His knowledge and skills partly determine the final result. Consequently, no rights can be derived from these guidelines.

Hardeners and activated products contain isocyanate and therefore particular safety precautions must be taken; please refer to SDS for full health and safety details.

For the first 7 days, DO NOT cover the floor, e.g. with rugs or cardboard in connection with hardening and drying

PROCESSING CONDITIONS

Surface temperature: 10-25 °C. Paint temperature: 15-30 °C. Do not apply the product under unfavorable (weather) conditions. The temperature of the substrate must be at least 5 °C above the dew point to prevent condensation. Only add thinner after mixing component A and B. The stated amounts of thinner apply at 20 °C. The above tasks depend on the influences of the sun and wind and only reflect experiences gained.