



## PRODUCT DESCRIPTION

Recoat Concrete is a clear, waterborne, matt coating which is suitable for various substrates. The coating is suitable for various indoor and outdoor substrates.

Recoat Concrete extends the life of the treated (construction) substrates and is invisible due to the extremely matte appearance.

Recoat Concrete has excellent adhesive properties. After proper pre-treatment (depending on the substrate), the original colour will become visible and a permanent, transparent protective layer with a high surface tension will form.

Recoat thereby protects concrete from persistent weather effects and dirt adhesion and, as such, is very easy to clean. In addition, Recoat Concrete is high in chemicals, UV-A and UV-B resistant. Treated surfaces are not only repaired but also permanently protected against dirt, water, weathering and attachment of biofilm. As a result, these surfaces stay clean longer and retain their original condition. This eliminates the need for frequent maintenance.

## AREA OF APPLICATION

Recoat Concrete can be applied on all types of concrete substrates.

We recommend to always perform a test area on the concerning substrate.

## JOB DESCRIPTION

Assessment of the surface is very important. The surface must be clean, dry and free of grease, oil and other contaminants.

- First clean prefabricated concrete substrates with the Recoat Etching Cleaner (see TDS)
- First clean plastic surfaces with a sanding cloth in combination with the Recoat Cleaner.
- Metal (closed) surfaces first clean a sanding cloth in combination with the Recoat Bonding Cleaner. (see TDS)
- Other surfaces first clean a sanding cloth in combination with the Recoat Cleaner.

Then pre-treat all surfaces with the Recoat Multi Primer clear.

Recoat Multi Primer reduces consumption and ensures optimum performance of the end product.

Apply the Recoat Concrete within 48 hours of applying the Recoat Multiprimer.

Always use the wet-on-wet approach. Products should be applied as 'normal' waterborne products; apply, divide and leave alone.

Avoid working in the sun because of the quick drying.

Never apply Recoat products without thinning it on beforehand.

Advice to always make a test surface and to prepare with Recoat Multi primer.



## TECHNICAL PROPERTIES

Base	Clear waterborne 2K coating
Approximate specific density	1,25 KG/L
Volume fixed percentage	46%
Potlife at 20°C	2 to 3 hours
Application temperature	10 - 30 °C
Relative humidity	A maximum of 80%
Output	Approx. 15 m <sup>2</sup> - 20 m <sup>2</sup> / 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	Dust dry after 20 min, Cleanable after 7 days, Thumb-tight after 2 hours
Colour	Colourless
Gloss strength	Matt 3 GU
Mix ratio	4 : 1 (Recoat base : Recoat hardener). Base machine mixing well before adding hardener. Machine mixing base and hardener without adding water.
VOC content	50 g/L. The product is suitable for indoor and outdoor use. EU limit for this product (cat. A/d) 140 g/L
Application by means of	Brush, Microfibre roller
Recommended Layer Thickness	Wet: 65 to 85 micrometres, Dry: 30 to 40 micrometres
Hardening	Minimum 7 days at a constant temperature of 20 °C. Full load can take longer due to varying temperatures.
Application	Wear gloves and ensure sufficient ventilation
Cleaning materials	Recoat Cleaner, Water
Outdoor durability	10-year durability depending on the condition of the substrate location and use as well as normal maintenance.
Thinning	Water 10% - 20%
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

## **SELECTION AND PREPARATION OF THE SUBSTRATE**

Depends on the condition of the substrate. No residue may remain after cleaning, rinsing is therefore very important. Any problems in most cases are the result of insufficient cleaning or the use of wrong materials. The Recoat warranty will cease to apply in all of these cases. The final result depends on the treatment and the condition of the substrate. Recoat will not assume any responsibility for failures caused by insufficient cleaning or the use of wrong materials.

## **SAFETY**

All Recoat products comply with the REACH standard. The user of this product must comply with health safety and health regulations environment. Safety data sheet can be found at [www.recoat.eu](http://www.recoat.eu)

## **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. Specified processing and drying times are highly dependent on the conditions under which the product is used. It is of great importance that the applicator has sufficient knowledge of the substrate to which a specific product is applied. His knowledge and expertise determine the final result. Therefore no rights can be derived from these guidelines.

## **PROCESSING CONDITIONS**

Surface temperature: 10-25 °C. Paint temperature: 15-30 °C. The temperature of the substrate must be at least 10 °C above the dew point to prevent condensation. 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. The above tasks depend on the influences of the sun and wind and only reflect experiences gained.