



## PRODUCT DESCRIPTION

Recoat Matt is a clear, waterborne matte coating which is suitable for a various substrates for inside and outside use. Recoat Matt 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. The coating thereby protects against persistent weather effects and dirt adhesion, and is, as such, very easy to clean. In addition, Recoat products are highly resistant to chemicals and extremely resistant to skin fats.

## AREA OF APPLICATION

Recoat Matt can be applied to many types of synthetics, aluminium (coated or untreated) and facade cladding. It can also be applied to all metals and polyester substrates. Recoat Matt is extremely suitable as a protective layer for indoor coats of paints. It is recommended to always apply a test area.

Recoat products are applicable in many sectors, including real estate, infrastructure engineering and civil engineering. Due to its simplicity, the Recoat system is a sustainable and less expensive alternative for the maintenance of many types of substrates.

## JOB DESCRIPTION

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

- First clean ceramic surfaces with a sanding cloth in combination with the Recoat Bonding 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.

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.

Always pre-treat plastic surfaces with Recoat Multi Primer in connection with plasticizers.



## TECHNICAL PROPERTIES

Base	Water and solvent solution with adhesion promoter
Approximate specific density	1,12 KG/L
Volume fixed percentage	47%
Application temperature	10 - 30 °C
Relative humidity	A maximum of 80%
Output	Approx. 15 m <sup>2</sup> - 20 m <sup>2</sup> / liter The output depends on the application method, roughness, structure and porosity of the substrate.
Drying at 20 °C	Dust dry after 20 min, Thumb-tight after 1 hours, Dry to recoat after 2 hours
Colour	Colourless
Gloss strength	Matt 5 GU
VOC content	21 g/L. The product is suitable for indoor and outdoor use. EU limit for this product: 140 g/L.
Application by means of	Brush, Felt roller, Microfibre roller 8-9 mm
Recommended Layer Thickness	Wet: 55 to 100 micrometres, Dry: 25 to 45 micrometres
Application	Wear gloves and ensure sufficient ventilation
Cleaning materials	Recoat Cleaner, Water
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.

## **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. Avoid working in the sun because it dries too quickly. The above tasks depend on the influences of the sun and wind and only reflect experiences gained.