



COETRANS Balcony Coating Transparent

Technical Data Sheet

(Issue: 2023-03-14)

Application areas:

Transparent coating or end sealing after spreading of various decorative variants (e.g. COELAN Coloured Flakes, KEMCO Colorit quartzes, etc.).

Also suitable as chip guard on glass surfaces (please request additional information).

Colour / Gloss:

- transparent / glossy

Product features:

- ready to use
- light stable
- water vapour diffusion
- UV- and weather-resistant
- highly elastic and tough
- high abrasive resistance
- easy to clean
- resistant to diluted acid-base solutions of various concentrations as well as aromatic solutions (please request additional information)
- 1-component
- Based on: Polyurethane resin

Package sizes:

750 ml tin

5 kg pail

Material consumption:

- at least 1.200 g/m² (in several working steps as transparent coating resp. splinter protection)
- at least 500 g/m² (sealing of decorative variants)
- at least 150 g/m² (adhesive layer)

Shelf Life:

Use by: 12 month

Store in closed original containers in dry rooms at temperatures between +5°C and +25°C. Direct sunlight and frost should be avoided! To achieve the best results, it is recommended to store the material at room temperature for approx. 24 hours prior to use. Opened containers should be closed air tight and used as soon as possible.

Curing:

- Rainproof after approx. 2 h
- after approx. 4 h walkable / further coatable
- after approx. 2 d normal loads can be applied
- after approx. 7 d full loads can be applied

Measured at +23°C and 50 % rel. humidity. Lower temperatures and lower humidity will extend the curing time, while higher temperatures and higher humidity will accelerate the curing time.

Mixing ration:

- ready to use

Skin forming time:

approx. 2 h

Specific gravity:

approx. 1.07 g/cm³

GISCODE:

PU50

Disposal

Disposal when liquid:

EAK 08 04 09

Disposal when cured:

EAK 17 02 03

Substrate:

- When applying sealant to a COELAN Coating that has already long since cured (>7 d), it is essential to use KEMCO LE Flexo Adhesive Primer (see corresponding technical information sheet).
- In the case of a transparent coating, it is essential to use COETRANS Transparent Primer (see corresponding technical information sheet).
- As a final seal on colored coatings or various decoration variants (e.g. COELAN Coloured Flakes, KEMCO Colorit quartzes, etc.) no primer is necessary.
- For further information on substrate pre-treatment and application, please refer to the separate technical data sheets and the application instructions.

Dilution:

max. 20 % COELAN Universal Cleaner



Tool cleaning:

COELAN Universal Cleaner

Application temperature:

Material, atmospheric and surface temperature: at least +5°C to max. +30°C.

Relative humidity: < 80 %

The substrate temperature must be at least 3 K above dew-point temperature.

Application Instructions:

- Stir material carefully and work quickly with a Perlon roller.
- It is possible to pour the product onto the subsurface and distribute it, moving the roller back and forth. Please note: this process may lead to unintentional "clogging" of the area.

During and after the application, please ensure even and continuous ventilation in order to guarantee a uniform drying process.

Always wear personal protective equipment during application.

For additional information, please refer to the system product's respective Technical Data Sheets and work instructions.

Important notice

From a physiological point, the properly prepared coating of this liquid seal is totally harmless in its hardened condition.

Hazard notes, protective measures, hazardous material classes and disposal can be found in the safety data sheet of this product.

In order to preserve the coating for a long time, regular cleaning is strongly recommended. Generally, this can be done by simply wiping the surface with a damp cloth or using a neutral cleaning agent. Depending on the level of soiling, wax-based protective dispersions may also be necessary for initial treatment and maintenance cleaning. Cleaning agents containing solvents and chloride are unsuitable. For further information, please refer to the cleaning instructions for COELAN liquid plastics.

Please be advised that some media (e.g. rust, copper, petals, red wine, etc.) contain pigments or antioxidants (e.g. rubber wheels) that may cause permanent discoloration; however, they do not impair the protective function of the coating.

Based on our experience and to the best of our knowledge, this technical data is up to date and all information is current. As there might be operating conditions of which we have no knowledge and cannot

have any knowledge, this data sheet shall be considered for information only and without responsibility. For the benefit of technical advances and the outcome of such advances, we reserve the right to make changes to the data without any prior notification. With the issuance of this publication, all prior technical information shall be considered null and void. When you contact us, you have the option to take advantage of our technical service consultants to find out about the various applications. Please be advised that all agreements and/or confirmations must be made in writing. Please ensure to request a written confirmation after receiving a verbal statement. For the rest, our terms and payment conditions apply.