



COETRANS 1-K Binder

Technical Data Sheet

(Issue: 2023-03-14)

Application areas:

Transparent binding agents to create decorative spatula-coverings with and KEMCO Decor Stone / Natural Stones on balconies, terraces, outside stairs and pergolas.

Colour / Gloss:

- transparent / glossy

Product features:

- ready to use
- light stable
- UV- and weather-resistant
- 1-component
- Based on: Polyurethane resin

Package size:

5 kg pail

Consumption:

- at least 150 g/m² (adhesive layer)
- 10 weight % (KEMCO Colorit quartzes) (at least 700g/7 kg KEMCO Colorit quartzes/m²)
- 8 weight % (KEMCO Decor Stone / Natural Stones) (at least 950g/12 kg KEMCO Decor Stone / Natural Stones/m²)

Shelf Life:

Use by: 9 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

Specific gravity:

approx. 1.03 g/cm³

GISCODE:

PU50

Disposal

Disposal when liquid:

EAK 08 04 09

Disposal when cured:

EAK 17 02 03

Substrate:

- When used outdoors, the surfaces to be coated must be treated in advance with COETRANS 1-K Waterproofing Layer, COETRANS Balcony Coating Coloured or COETRANS Balcony Coating Transparent (see corresponding technical information sheet).
- The existing COETRANS 1-K Waterproofing Layer, COETRANS Balcony Coating Coloured or COETRANS Balcony Coating Transparent must be covered with a layer of adhesive with COETRANS 1-K Binder.
- When applying a coating to a COELAN Coating that has already cured (>7 d), it is essential to use COELAN Flexo Primer (see corresponding technical information sheet).
- For further information on substrate pre-treatment and application, please refer to the separate technical data sheets and the application instructions.

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.



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Application Instructions:

- Material in the proportionally prepared amount of the KEMCO Colorit quartzes or KEMCO Decor Stone / Natural Stones .
- After mixing the material for at least 2 minutes, pour the mixture into a clean container and mix again for at least 1 minute.
- The finished mixture is poured onto the adhesive layer (refer to Substrate preparation) and evenly distributed with a putty knife. Subsequently, pressure is applied with a smoothing trowel to ensure the surface is free of shrink holes.
- When compacting and smoothing, regular use of COELAN Universal Cleaner and COELAN Gleitol is recommended (see corresponding technical information sheets).

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 ad-

vances 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.