



COETRANS Transparent Primer

Technical Data Sheet

(Issue: 2023-03-14)

Application areas:

Transparent primer for ceramic substrates (tiles, glazed tiles, clinker), mineral substrates and glass in exterior places.

Colour / Gloss:

- transparent / glossy

Product features:

- ready to use
- light stable
- fast hardening
- water vapour diffusion
- UV- and weather-resistant
- 1-component
- Based on: Polyurethane resin

Package size:

5 l can

Material consumption:

- at least 250 g/m² (depending on the absorbency of the substrate, resp. should be applied in several working steps)

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:

- after approx. 2 h resilient enough to carefully walk and work on

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 ratio:

- ready to use

Specific gravity:

approx. 0.99 g/cm³

GISCODE:

PU50

Disposal

Disposal when liquid:

EAK 08 04 09

EAK 08 05 01

Disposal when cured:

EAK 17 02 03

Substrate:

- The surface must be clean, dry, level, load-bearing, firm and absorbent. Any surface soiling (e.g. oil, grease, dust, loose parts, rubber abrasion, silicone), residues of old coatings, after-treatment films, sintered layers, cement slurries and other less resistant layers must be removed. After cleaning the substrate, vacuum the surface with an industrial vacuum cleaner.
- For mineral substrates, the surface strength (test of peel strength according to DIN EN ISO 7500-1 Supplement 1) must be at least 1.5 N/mm² on average, with the smallest individual value not falling below 1.0 N/mm². The floor unevenness must not exceed the measurement tolerance in building construction according to DIN 18202.
- The moisture content of the substrate must not exceed 5 CM %.
- Local voids in the substrate can be detected by tapping the area. If found, they must be removed.
- Cavities, holes and cracks must be closed, and the profile of broken corners and/or edges must be reshaped. To do this, a levelling compound or EP plaster are most suitable.
- The recommendation for cleaning ceramic tile, metal or glass substrates is to use KEMCO MEK Cleaning Agent (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.



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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:

- Use a felt roller (e.g. mohair roller) or a solvent-resistant sealing brush, saturated with the material, to work the product into the substrate until all pores are covered and no matt spots are visible any more.
- 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 "cloding" 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.

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.