



COELAN®

COEPLAN 2-K Super Sealant silk-matt

Technical Data Sheet

(Issue: 2015-03-26)

Application areas:

Transparent coating or sealant after adding various decorative material (e. g. COELAN® Coloured Flakes, COELAN® Coloured Quartz, etc.)

Application areas:

Transparent coating for concrete, floor screed, stucco and other mineral as well as ceramic substrates.

Colour / Degree of gloss:

- transparent / silk matt

Product features:

- light stable
- UV- and weather-resistant
- high abrasive resistance
- easy to clean
- resistant to chemicals (inquire about details)
- excellent adhesive properties when used on ceramic or mineral substrates
- 2-component
- Based on: polyurethan resin

Package size:

5 kg pail (component A)

2 kg pail (component B)

Material consumption:

- approx. 250 g/m² (depending on application)

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. 12 h resilient enough to carefully walk on
- 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:

- 2,5:1 (proportion of weight comp. A : comp. B)

Skin forming time:

approx. 30 min.

Specific gravity:

approx. 1,09 g/cm³

GISCODE:

PU50

Disposal

Disposal when liquid:

EAK 08 04 09

Disposal when cured:

EAK 08 04 10

Substrate:

- When sealing a COELAN® Coating which has been cured for a longer period (> 7 d), always use COELAN® Flexo Primer LE (please refer to the respective Technical Data Sheet).
- No primer is necessary when used as final sealant on coloured coating or diverse decorative variants (e.g. COELAN® Coloured Flakes, COELAN® Coloured Quartz, etc.).
- When using on ceramic substrates or natural stone surfaces, the coating can be directly applied after cleaning the area with COERAMIK® Tile Cleaner.

Dilution:

max. 20 % COERAMIK® Tool Cleaner

Tool cleaning:

COERAMIK® Tool 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 Comp. A and add comp. B in the proper mixing ration to comp. A.
- Using a slow running agitator (max. 300 RPM), mix the compounds rigorously for at least 2 min.. Subsequently, pour into a clean container and mix again for at least 2 minutes.
- In order to ensure a smooth and even process, the material must be diluted with 20 % COERAMIK® Tool Cleaner.
- Subsequently, pour mixture into a clean container and mix again for at least 2 minutes.
- Use a felt roller (e.g. mohair roller) to rapidly spread the product.
- 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 "clouing" of the area.
- It is not possible to colour the material with COELAN® Colour Paste or different material.

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.

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 degree of soiling, proper care and maintenance cleaning with waxes protective dispersions may be required. Cleaning agents containing solvents or chlorine are not to be used. For more 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.