

Technical data sheet

REVOPUR® TC330

3-component, lightfast, solvent-free, fast-curing topcoat and levelling coat

Areas of application

REVOPUR® TC330 is used as a high-quality decorative thick coating as well as a wearing and leveling layer for heavily used surfaces within the REVOPUR® system structures:

- REVOPUR WSP/SPS 10 Colorchips
- REVOPUR WSP/SPS 11 Unicolor Xtragrip
- REVOPUR WSP/SPS Colorquarz Xtragrip

Features

- 3-component
- Mechanically highly resilient as a wearing and leveling layer
- UV-resistant
- Driveable* (e.g., garages)
- Solvent-free
- Plasticiser-free
- Chemical-resistant
- Ecological / EMICODE EC1 PLUS
- Alkali-resistant

Properties*

- Processing time: approx. 20 minutes
- Rainproof after: approx. 60 minutes
- Can be recoated / walked on after: approx. 6 hours
- Can take weight after: approx. 12 hours
- Can be recoated within: 12 hours (when reworking with REVOPUR® TC330, sanding ist always necessary)
- Possible processing temperature: from -10°C to +50°C
- Recommended processing temperature: from +5°C to +40°C
- Colour shade:
 - approx. RAL 7001 (silver grey)
 - approx. RAL 7012 (basalt grey)
 - approx. RAL 7016 (anthracite grey)
 - approx. RAL 7032 (pebble grey)
 - approx. RAL 7035 (light grey)

*All measurements taken at +21°C and a relative humidity of 50%. Weather conditions such as wind, humidity and temperature will change the stated values.

Consumption

- Approx. 1.0–2.0 kg/m² as leveling layer
- Approx. 3.5–4.0 kg/m² as thick coating

Delivery form

Component A + B:

- 10 kg combi container
- 20 kg combi container

Component C:

- 10 kg REVOPUR® low-dust quartz sand mixture
- 25 kg REVOPUR® low-dust quartz sand mixture

Storage

Store in original container at +5°C to +30°C in a dry place. Avoid containers coming into contact with direct sunlight, even on the construction site.

Can be stored for 6 months after production.

Processing

Substrate

The substrate must be clean, dry, non-slip and load-bearing, have sufficient impermeability and strength, be free of separating substances such as dirt, oil and grease, etc. The airing times and the recoating ability of the individual layers must be observed.



Dekor- und Nutzbeläge

Application

Apply the mixed coating to the substrate using a notched trowel and spread evenly. Then, the surface must be deaerated for at least 2 minutes using a spiked roller. To avoid visible seams or level differences, the entire surface must be completed in one go without interruptions. To prevent color differences, only products with the same batch number should be used.

Mixing

Mix Component B (hardener) and Component A (base) thoroughly and homogenously for at least 3 minutes until streak-free. Then transfer the mixture into a clean container and mix again using a basket stirrer at 300 rpm for at least 1 minute. Finally, stir in Component C (quartz sand mixture) until homogeneous.

Mixing ratio as leveling layer:

10 kg REVOPUR® TC 330 (Component A + B)
3–5 kg REVOPUR® low-dust quartz sand mixture (Component C)

Mixing ratio as thick coating:

10 kg REVOPUR® TC 330 (Component A + B)
7–10kg REVOPUR® low-dust quartz sand mixture (Component C)

Note on mixing ratio:

When using REVOPUR® TC 330 with quartz sand, the ambient

temperature must be considered. The colder the weather, the lower the sand content should be to ensure optimal workability and flow characteristics.

Tools and equipment



Safety information

Please consult the product safety data sheet for information on personal protective equipment.

GISCODE: PU10

General information

Times are reduced at higher ambient and substrate temperatures and extended at lower ones. The processing tools and equipment used as well as different construction site conditions play a role when it comes to the stated coverage. This means these are variable. Unevenness resulting from the substrate cannot be levelled out using the product.

The product must not be mixed and processed with other substances not belonging to the system. No materials other than those specified by FRANKEN SYSTEMS GmbH are permitted to be used.

The current version of the DAfStb guideline "Protection and Repair of Concrete Structures" must be observed.

Thinning

Tools can be cleaned using the system cleaner, see primer recommendations REVOPUR® (TL35).

Miscellaneous

It's to the best of our knowledge that we've provided the above information as well as our technical advice on applications, whether verbal, in writing or by means of tests. However, this information shall only be regarded as non-binding, which also applies to any property rights of third parties. The advice does not release you from examining our current advisory notes yourself (our safety data sheets and technical information in particular) and our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products as well as the intended use selected by you on the basis of our technical application-specific advice are beyond our control and are therefore exclusively your responsibility. The sale of our products is subject to our current General Terms and Conditions of Sale and Delivery. Warnings on the product labels must be observed. The latest version of the applicable documents shall be used.

Please check that the documents used are up-to-date and/or request an up-to-date document before each application.