

# Technical data sheet

## REVOPUR® TC430

3-component, non-fading, solvent-free, fast-curing, polyaspartic-based thick coating

### Areas of application

REVOPUR® TC430 is used within REVOPUR® system constructions as a high-grade decorative thick coating and as a wearing and levelling layer for surfaces with a high load.

### Features

- 3-component
- Mechanically highly resilient
- Can be driven over\* (e.g. garages)
- Hard-wearing
- UV-resistant
- Solvent-free
- Plasticiser-free
- Chemical-resistant
- Ecological
- Alkali-resistant

\*Contact with car tyres or other plastics which contain plasticisers, can lead to discolouration and imprints.

### 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: 48 hours
- Possible processing temperature: from -10°C to +50°C
- Recommended processing temperature: from +5°C to +40°C
- Colour shades:
 

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. 3.5-4.0 kg/m<sup>2</sup>

### Delivery form

- 20 kg in combination plastic container:
 

Component A+B:	10 kg REVOPUR® base and hardener component
Component C:	10 kg REVOPUR® quartz sand mix

### 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.



Dekor- und Nutzbeläge

### 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.

#### Application

The mixed coating is applied and distributed evenly on the substrate with a tooth rake (a tooth height of 5.5 mm is recommended). The surface must then be vented with a spiked roller for at least 2 minutes. In order to avoid build-up/offsets, the entire surface must be completed in one step without interrupting the work. To avoid colour differences, care must be taken to use products with the same batch number.

#### Mixing

Mix the hardener component B and the base component A evenly and without streaks for at least 3 minutes. After this, transfer the mixture into a clean container and stir again using a basket agitator at 300 rpm for at least 1 minute. Then stir in component C homogeneously.

#### Recommended mixing ratio:

10 kg REVOPUR® TC 430 base and hardener component (comp. A+B)  
7 kg REVOPUR® quartz sand mix (comp. C)

### 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.