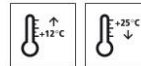


Technical Data Sheet

StoPur WV 210

PUR sealer, water-based, matt, electrically conductive



Characteristics

- Area of application**
- interior
 - on floors
 - as an electrically conductive sealing coat for floors subject to low stress

- Properties**
- fulfils requirements in accordance with EN 61340-5-1
 - very high colour stability
 - rapid curing at ambient room temperature

- Appearance**
- matt

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density (mixture 23 °C)	EN ISO 2811	1,26 - 1,34 g/cm ³	mixture
The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.			

Substrate

- Requirements**
- Cured, dry, and clean coatings, e.g. StoPur IB 510 or StoPox KU 611
- New coatings based on StoPur IB 510 can be directly sealed within a period of 72 hours using StoPur WV 210.
- In the case of longer waiting times, and in general with the product StoPox KU 611, sand the surface matt using an abrasive pad (green/black) before sealing.
- Substrate temperature higher than +12 °C and 3 K above dew point.
Average bond strength: 1.5 N/mm²
Lowest single bond strength value 1.0 N/mm²

Application

- Application temperature** lowest application temperature: +12 °C

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highest application temperature: +25 °C
Maximum permitted relative humidity: max. 80 % (min. 30 %)

Time for application	At +23 °C: approx. 60 minutes
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Mixing ratio	Component A : component B = 100.0 : 12.0 parts by weight
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Material preparation	Component A and Component B are supplied in the correct mixing ratio and should be mixed in accordance with the following instructions. Stir component A, then add all of component B. Mix thoroughly with a slow-running paddle mixer (max. 300 rpm) until a homogeneous, streak-free compound develops. It is also vital to stir thoroughly at the sides and the bottom in order to evenly distribute the hardener. Mixing time is at least 3 minutes. After mixing, pour the compound into a clean container and mix again. Do not apply from the delivery container!
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The temperature of the individual components must be at least +15 °C when mixing.

Transfer the material into a clean container using a paint sieve and stir it once again. Eliminate any lumps that occur during mixing.

Consumption	Type of application	Approx. consumption	
	as sealer	0,1 - 0,15	kg/m ²
Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.			

Coating build-up	Electrically conductive build-up Electrically conductive floor coating as a substrate, e.g. StoPox KU 611 or StoPur IB 510 1) Substrate preparation 2) Sealing coat of StoPur WV 210, 1 - 2 application cycles 3) Floor finish using StoDivers P 110, 1 - 2 application cycles
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Application	Electrically conductive build-up. 1) If necessary, substrate preparation of the electrically conductive floor coating 2) Sealing coat of StoPur WV 210 Apply StoPur WV 210 using a short-pile roller (Sto-Glaze Roller, Sto-Tool)
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Catalogue).

Creating some roller seams is unavoidable. In order to minimise them, work in a criss-cross pattern.

This particularly applies when StoPur WV 210 is applied on top of coatings that are dark-coloured.

Apply the material evenly. Using a paint grid in the application container is recommended.

Consumption: approx. 0.1 - 0.15 kg/m², depending on the substrate

3) Floor finish using StoDivers P 110

Using a pre-dampened mop, apply a thin, even layer of care treatment to the clean and cured industrial flooring. Two application cycles are recommended. Carry out the second application cycle at right angles (perpendicular) to the previous application.

Leave the individual coatings to dry thoroughly. Waiting time between applications: approx. 1 hour. In order to minimise seams, work in a criss-cross pattern. Avoid creating overlaps. When performing weekly maintenance cleaning, add approx. 5 % StoDivers P 110 to the last bucket of clean mop water.
Consumption: approx. 40 - 80 ml/m²

Drying, curing, ready for next coat

Dust-dry: after approx. 4 hours (at +23 °C)
Ready for foot traffic: after approx. 16 hours (at +23 °C)
Mechanically and chemically resistant: after approx. 7 days (at +23 °C)

Cleaning the tools

Clean with water after use.
Collect cleaning water/rinsing water and dispose of it professionally.
Remove bonded material by mechanical means.

Notes, recommendations, special information, miscellaneous

The gloss level of the dead-matt sealing coat StoPur WV 210 is increased by adding StoDivers P 110.
For requirements regarding protection of persons in accordance with VDE 0100-410, see the coating systems in the current StoCretec brochure on conductive floor coating systems.

The layer thickness of sealing coats is normally < 0.5 mm and decreases as a result of mechanical use.
This should be taken into account with regard to the required service life.

If using office chairs on the floor, these must be equipped with type "W" castors in accordance with DIN EN 12529.

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Ensure sufficient ventilation when applying water-based coating systems. However, avoid draughts. Different layer thicknesses, too high humidity, and too low temperatures can lead to visual defects (differences in the gloss levels). Roller marks might be visible, due to applying the sealer manually.

StoPur WV 210 and the care treatment StoDivers P 110 are not plasticiser-resistant.

After curing, StoPur WV 210 has a slight orange peel texture.

General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Colour shade RAL colour fan, limited colour choice, further colour shades on request
PG 11 / PG 12 see colour shade table

Article number	Name	Container
04450/004	StoPur WV 210 Set tinted	7.5 kg set

Storage

Storage conditions Store in dry and frost-free conditions. Avoid direct sunlight.

Storage life In the original container until ... (see packaging).

Identification

Product group Sealing coat

GISCODE PU10

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation. Safety instructions refer to the ready-to-use, unapplied product. Please observe the information regarding the handling of the product, its storage, and disposal.

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Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use. Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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