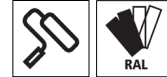


Technical Data Sheet

StoPur WV 210

Polyurethane sealer, water-based, matt,
electrically conductive



Characteristics

Area of application	<ul style="list-style-type: none"> Interior Onto floor areas As an electrically conductive sealing coat for low levels of stress
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Properties	<ul style="list-style-type: none"> Fulfils requirements in accordance with EN 61340-5-1 Very high colour stability Rapid curing at ambient room temperature
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Appearance	<ul style="list-style-type: none"> Matt
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Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Density	EN ISO 2811	1.26 - 1.34 g/cm ³	

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	<p>Cured, dry, and clean coatings, e.g. StoPur IB 510, StoPox KU 611 or any other Sto ESD coatings.</p> <p>New coatings based on StoPur IB 510 can be directly sealed within a period of 72 hours using StoPur WV 210.</p> <p>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.</p> <p>Substrate temperature greater than +12°C and 3 K above dew point.</p> <p>Average adhesion strength >1.5 N/mm². Adhesion strength of the single smallest value 1.0 N/mm²</p>
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Application

Application temperature	<p>Lowest application temperature: +12°C</p> <p>Minimum approved relative humidity 30%</p> <p>Highest application temperature: +30°C</p> <p>Maximum approved relative humidity 80%</p>
Time for application	<p>At +23°C : approx. 60 minutes</p> <p>At +30°C : approx. 10 minutes</p>
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!

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/m²

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

- 1) Substrate preparation
- 2) Sealing coat of StoPur WV 210, 1 - 2 application cycles
- 3) Care treatment using StoDivers P 110, 1 - 2 application cycles

Application

Electrically conductive build-up.

- 1) If necessary, substrate preparation of the electrically conductive floor coating: e.g. StoPur IB 510, StoPox Ku 611 or any other Sto ESD coatings.
- 2) Sealing coat of StoPur WV 210.
Apply StoPur WV 210 using a short-pile roller. (Sto-Micro-Fibre Roller 250mm).
Some roller marks are 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 per coat.
- 3) Care treatment 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. 0.02 - 0.05 lit/m² per application cycle.

Drying, curing, ready for next coat

Reworking time :

At 10°C : approx. 24 hours

At 23°C : approx. 16 hours

At 30°C : approx. 12 hours

Cleaning the tools

Tools must be cleaned immediately after use with clean water.
Hardened material can only be removed mechanically.

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Notes, recommendations, special information, miscellaneous Please consult the local sales office for further information and any site assistance required.

Delivery

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

Packaging

Name

Packing

StoPur WV 210 Set tinted 7.5 kg set

Storage

Storage conditions Store in cool dry conditions; avoid direct sunlight.

Storage life This product has a shelf life of 12 months from the manufacturing date.

Identification

Product group Electro-Static Discharge (ESD)

Safety Please refer to Safety Data Sheet.

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 www.sto-sea.com.

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