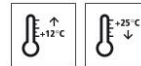


# Technical Data Sheet

## StoPur WV 205 transparent

PUR sealer, water-based, matt, transparent, low-emission



### Characteristics

- Area of application**
- interior areas and areas exposed to weathering
  - as transparent sealing coat on polyurethane floor coatings with low stress

- Properties**
- good stability under the effects of light
  - suitable for chairs with castor wheels (type "W" in accordance with EN 12529)
  - low VOC emissions

- Appearance**
- matt
  - transparent

- Information/notes**
- application on wall surface areas is also possible

### Technical data

| Criterion               | Standard / test specification | Value/ Unit                   | Notes   |
|-------------------------|-------------------------------|-------------------------------|---------|
| Viscosity (at 23 °C)    | EN ISO 3219                   | 200 - 400 mPa.s               | Mixture |
| Density (mixture 23 °C) | EN ISO 2811                   | 1.02 - 1.08 g/cm <sup>3</sup> |         |

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**
- Hardened, dry and clean StoPur sealing coats or coatings
- New coatings on polyurethane basis can be directly sealed up to a period of 72 h with StoPur WV 205 transparent.
- In the case of longer waiting times sand matt the old coating using an abrasive pad (green/black) before sealing it.
- Substrate temperature higher than +12 °C and 3 K above dew point.

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Average bond strength 1.5 N/mm<sup>2</sup>  
 Lowest single bond strength value 1.0 N/mm<sup>2</sup>

### Application

**Application temperature**      Lowest application temperature: +12 °C  
 Highest application temperature: +25 °C  
 Maximum permitted relative humidity: max. 80 % (min. 30 %)

**Time for application**            At +12 °C: approx. 75 minutes  
 At +23 °C: approx. 60 minutes

**Mixing ratio**                      Component A : component B = 100.0 : 13.0 parts by weight

**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 |                   |
|-------------|--------------------------|---------------------|-------------------|
|             | for 2 application cycles | 0.15                | kg/m <sup>2</sup> |

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**                    Matt sealing coat on smooth coatings, colourless, transparent  
 1) Substrate preparation  
 2) Sealing coat of StoPur WV 205 transparent  
 At least 2 application cycles are required.  
 3) Floor finish StoDivers P 120 (optional)

### Application

Sealing coat on smooth coatings, transparent, matt  
 1) If necessary, substrate preparation on the existing coating

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### 2) Sealing coat of StoPur WV 205 transparent

Apply StoPur WV 205 transparent using a short-pile roller (Sto-Glaze Roller Micro-Fibre Sto-Tool Catalogue) in two application cycles. Creating some roller seams is unavoidable. In order to minimise them, work in a criss-cross pattern.

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

Consumption: approx. 0.07 kg/m<sup>2</sup> per application cycle

### 3) Floor finish StoDivers P 120 (optional)

Carry out the floor finish with StoDivers P 120 at the earliest 2 days after applying StoPur WV 205 transparent.

Using a pre-dampened mop, apply a thin, even layer of the floor finish to the clean and cured industrial flooring. Leave the floor to dry sufficiently, approx. 20 - 30 min. The second application and any other possible applications are carried out at a 90° angle to the previous application cycle.

Roller marks might be visible, due to applying the sealer manually.

In order to minimise seams, work in a criss-cross pattern.

Avoid creating overlaps. At least 2 application cycles are required.

It is very important to observe the specified drying times between application cycles.

Consumption: approx. 30 - 50 ml/m<sup>2</sup> per application cycle

#### Note:

The gloss level of the matt sealing StoPur WV 205 transparent is considerably increased by using the floor finish StoDivers P 120.

The layer thickness for 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.

StoPur WV 205 transparent is not plasticizer resistant!

StoDivers P 120 is not plasticiser-resistant!

If glossy, coloured coatings, such as StoPur BB 100 are matted with StoPur WV 205 transparent, the basic colour shade will become lighter.

This should be particularly observed when matting dark and bright colour shades.

A change in colour shade to the original colour shade of the substrate coating is possible when applying StoPur WV 205 transparent.

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).

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

|  |  |
|--|--|
| <b>Drying, curing, ready for next coat</b> | Dust-dry: after approx. 4 hours (at +23 °C)<br>Ready for foot traffic: after approx. 16 hours (at +23 °C)<br>Mechanically and chemically resistant: after approx. 7 days (at +23 °C) |
|--|--|

|                           |   |
|---------------------------|---|
| <b>Cleaning the tools</b> | Clean with water immediately after use; hardened material can only be removed mechanically. |
|---------------------------|---|

|   |   |
|---|---|
| <b>Notes, recommendations, special information, miscellaneous</b> | For general application instructions, see <a href="http://www.stocretec.de">www.stocretec.de</a> (Products) and in the latest issue of the "Technical Data Sheets" manual, in the appendix. |
|---|---|

### Delivery

| Article number | Name                          | Container   |
|----------------|-------------------------------|-------------|
| 00087/004      | StoPur WV 205 Set transparent | 6.95 kg set |

### Storage

|                           |  |
|---------------------------|--|
| <b>Storage conditions</b> | Store in dry and frost-free conditions; avoid direct sunlight. |
|---------------------------|--|

|                     |  |
|---------------------|--|
| <b>Storage life</b> | In the original container until ... (see packaging). |
|---------------------|--|

### Identification

|                      |              |
|----------------------|--------------|
| <b>Product group</b> | Sealing coat |
|----------------------|--------------|

|               |  |
|---------------|--|
| <b>Safety</b> | This product is subject to compulsory labelling in accordance with the current EU regulation.<br>You will receive an EU Safety Data Sheet with your first order.<br>Please observe the information regarding the handling of the product, its storage, and disposal. |
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## StoPur WV 205 transparent

### 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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