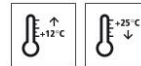


Technical Data Sheet

StoPur WV 150 transparent

PUR sealer, water-based, silk 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**
- silk 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	320 - 480 mPa.s	Mixture
Density (mixture 23 °C)	EN ISO 2811	1.01 - 1.07 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**
- Hardened, dry and clean StoPur sealing coats or coatings
- New coatings on a polyurethane basis can be sealed directly with StoPur WV 150 transparent up to a period of 72 h.
- 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.
Average bond strength 1.5 N/mm²

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Lowest single bond strength value 1.0 N/mm²

Application

Application temperature Lowest application temperature: +12 °C
 Highest application temperature: +25 °C
 permitted relative air 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	
	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 Silk matt sealing coat on smooth coatings, colourless, transparent
 1) Substrate preparation
 2) StoPur WV 150 transparent sealing coat
 3) Floor finish StoDivers P 120 (optional)

Application Sealing coat on smooth coatings, transparent, silk matt with a slightly textured surface
 1) If necessary, substrate preparation on the existing coating

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2) StoPur WV 150 transparent sealing coat

Apply StoPur WV 150 transparent using a short-pile roller (Sto-Glaze Roller Micro-Fibre, Sto-Tool Catalogue).

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

3) Floor finish using StoDivers P 120 (optional)

Carry out care treatment with StoDivers P 120 at the earliest 2 days after applying StoPur WV 150 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. Depending on the expected stress, several application cycles may be necessary. It is very important to observe the specified drying times between application cycles. Consumption: approx. 30 - 50 ml/m² per application cycle

Note:

The gloss level of the silk matt StoPur WV 150 sealing coat is increased by applying the StoDivers P 120 care treatment.

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 150 is not plasticiser-resistant!

StoDivers P 120 is not plasticiser-resistant!

If glossy, coloured coatings, such as StoPur BB 100 are matted with StoPur WV 150 transparent, the basic colour shade will become lighter.

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

When applying StoPur WV 150 transparent it is possible that the colour shade differs from the original colour shade of the substrate coating.

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).

If using office chairs on the floor, these must be equipped with type "W" castors in

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accordance with DIN EN 12529.

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 immediately after use; hardened material can only be removed mechanically.

Notes, recommendations, special information, miscellaneous General application instructions can be found at www.stocretec.de (Products) and in the latest issue of the "Technical Data Sheets" manual, in the appendix.

Delivery

Article number	Name	Container
00087/003	StoPur WV 150 Set transparent	2.26 kg set
00087/001	StoPur WV 150 Set transparent	6.95 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

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.
You will receive an EU Safety Data Sheet with your first order.
Please observe the information regarding the handling of the product, its storage, and disposal.

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.

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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.

StoCretec GmbH
Gutenbergstr. 6
D-65830 Kriftel

Tel.: +49 6192 401-104
Fax: +49 6192 401-105
stocretec@sto.com
www.stocretec.de