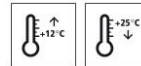


Technical Data Sheet

StoPur WV 100 transparent

PUR sealer, water-based, gloss, 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**
- gloss
 - 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	150 - 250 mPa.s	Mixture
Density (mixture 23 °C)	EN ISO 2811	1.02 - 1.08 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 polyurethane basis can be directly sealed up to a period of 72 h with StoPur WV 100 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.

Technical Data Sheet

StoPur WV 100 transparent

Average bond strength 1.5 N/mm²
 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 : 20.0 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 Sealing coat on smooth coatings, colourless, glossy, transparent
 1) Old or new coating
 2) If required, substrate preparation
 3) Sealing coat of StoPur WV 100 transparent
 4) Floor finish StoDivers P 105 (optional)

Application Sealing coat on smooth coatings, transparent, glossy with a lightly textured surface

Technical Data Sheet

StoPur WV 100 transparent

1) If necessary, substrate preparation on the existing coating

2) Sealing coat of StoPur WV 100 transparent

Apply StoPur WV 100 transparent using a short-pile roller (Sto-Glaze Roller Microfibre, Sto-Tool Catalogue) in a criss-cross pattern.

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) StoDivers P 105 floor finish (optional)

Carry out the floor finish with StoDivers P 105 at the earliest 2 days after applying StoPur WV 100 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 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 100 is not plasticizer resistant!

The StoDivers P 105 floor finish is not plasticizer resistant.

Ensure sufficient ventilation when applying water-based coating systems. Draughts should, however, be avoided. Different material application, too high humidity and too low temperatures can lead to visual impairments.

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

Technical Data Sheet

StoPur WV 100 transparent

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.

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

Delivery

Article number	Name	Container
04756/003	StoPur WV 100 Set transparent	9 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.
Observe the Safety Data Sheet!
Safety instructions refer to the ready-to-use, unapplied product.
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.

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.

Technical Data Sheet

StoPur WV 100 transparent

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