Technical Data Sheet

StoPur WV 150

PUR sealer, water-based, silk-matt



Characteristics

Area of application

- interior
- exposed to the weather
- as a coloured sealing coat on PUR floor coatings with low stress

Properties

- rapid curing at ambient room temperature
- good colour stability

Appearance

- silk matt

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	560 - 840 mPa.s	mixture
Density (mixture 23 °C)	EN ISO 2811	1,20 - 1,28 g/cm³	

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

General:
- Dry, cured
- Clean StoPur sealing coats or StoPur coatings

Sealing coat:
- Apply sealing coat within 72 h: New coatings on a PUR basis can be directly sealed with StoPur WV 150 after curing.
- Seal after 72 h: before applying a sealing coat, use a green or black sanding pad to sand the existing coating until it is matt.

Substrate temperature: at least +12 °C, 3 K above the dew point
Bond strength, average: 1.5 N/mm²
Bond strength, lowest single value: 1.0 N/mm²

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Application	
Application temperature	substrate and air temperature minimum temperature: +12 °C Maximum temperature: +25 °C Application temperature: minimum temperature: +12 °C Maximum temperature: +25 °C Relative humidity: minimum: 30 % maximum: 80 %
Time for application	at +12 °C: approx. 75 minutes At +23 °C: approx. 60 minutes
Mixing ratio	component A : component B A : B 100.0 : 11.1 parts by weight
Material preparation	Notes: - Component A and component B are supplied in the correct mixing ratio and should be mixed in accordance with the following instructions. - Observe the order of the “Preparing material” steps. - The material temperature is between +15 °C and +25 °C. - The temperature of all components is between +15 °C and +25 °C. Mixing time: - The length of the mixing time depends on the temperature of the material and the ambient temperature. - Mix each container for the same length of time. Possible consequences if mixing times are too long or too short: - Mixing the product too long will shorten the time for application. Preparing the material: 1) Stir component A. 2) Add all of component B. 3) Mix the components until the hardener is well distributed, the mixture is homogeneous, and a streak-free mass is produced. Paddle mixer: slow running mixer, max. 300 rpm Mixing time: at least 3 minutes 4) Ensure that the mixing equipment covers the floor areas and the edge zones of the mixing container. The hardener must be evenly distributed. 5) Transfer the mixture to a clean container. Mix the components again.

6) Transfer the material into a clean container using a paint sieve and stir it once again. This procedure eliminates 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

1) Prepare the substrate.
2) Sealing: StoPur WV 150
3) Apply an optional floor finish: StoDivers P 120

Application

1) Prepare the substrate.

2) Sealing:
- StoPur WV 150
- Apply the product evenly in a criss-cross pattern. Tools: short-pile roller sleeve
- consumption: approx. 0.1-0.15 kg/m², depends on the substrate
- Note:
Apply the sealing coat evenly in a criss-cross pattern to minimise roller marks.
Decant the product on large surfaces. Tools: Sto-Rakel with notched rubber blade, notching 2 mm
- Recommendation: Use a paint grid.

3) Apply an optional floor finish:
- StoDivers P 120
- Apply the product evenly and thinly. Tools: damp mop
- Leave the product to dry for 20-30 minutes.
- For further application cycles: apply the product crosswise to the previous application cycle. Apply the product crosswise to the previous application cycle.
- consumption: approx. 30-50 ml/m², depending on the application cycle
- Note:
Apply a floor finish to the sealing coat 2 days at the earliest after application.
Avoid overlaps.
Depending on the expected stress: apply the product in several application cycles.
Observe the drying times between application cycles.

Notes:

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	Sealing coat: - layer thickness: < 0.5 mm - Mechanical use reduces the layer thickness. This can shorten the service life. Plasticiser-resistant: - StoPur WV 150 is not plasticiser-resistant. - StoDivers P 120 is not plasticiser-resistant. Colour shades outside the grey area with higher pigmentation: - Seal with StoPur WV 150 transparent to avoid any excessive abrasion of pigments. Use in interiors and exteriors: - StoPur WV 150 can be used for both interior and exterior areas. - Use StoPur WV 150 exterior for areas exposed to weathering. - Use StoPur WV 150 interior for interior areas. Protection against scrapes and grinding marks: - Optionally, apply the StoPur WV 150 transparent sealing coat. Application of water-based coating systems: - Ensure sufficient ventilation. Prevent draughts. - Different material application, too high humidity, and low temperatures can lead to visual defects, e.g. differences in the gloss levels. Increase the gloss level: - A floor finish with StoDivers P 120 will increase the gloss level.
Drying, curing, ready for next coat	dust dry: after approx. 4 hours suitable for foot traffic: after approx. 16 hours completely cured: after approx. 7 days All technical details are approximate values and were determined, unless otherwise stated, at a normal temperature of +23 °C, 50 % relative humidity, and using the standard colour shade RAL 7032.
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	Application on wall areas is also possible. 1) Observe the general application instructions: - see www.stocretec.de, Products

- see technical manual, notes

2) Observe the implementation instructions.

Delivery	
Colour shade	RAL colour fan, limited tintability in accordance with the StoColor System, wide colour shade variety
Packaging	pail and tin

	Article number	**Name**	**Container**
	00088/007	StoPur WV 150 interior Set tinted	8.07 kg set
	00090/001	StoPur WV 150 exterior Set tinted	8.07 kg set

Storage	
Storage conditions	Store in dry and frost-free conditions. Protect from direct sunlight.
Storage life	The product quality is best guaranteed in its unopened original container until its shelf life has expired. The first digit of the batch number is the final digit of the year. The second and third digits indicate the calendar week. Example: 1450013223 - shelf life until end of calendar week 45 in 2021. See product packaging

Identification	
Product group	Sealing coat
GISCODE	PU10
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.

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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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