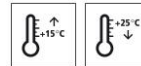


Technical Data Sheet

StoPur WV 202

PUR sealing coat, water-based, elasticised, matt,
low-emission



Characteristics

Area of application	<ul style="list-style-type: none"> interior as a coloured sealing coat on floor surfaces subject to low levels of stress
Properties	<ul style="list-style-type: none"> good colour stability UV-resistant
Appearance	<ul style="list-style-type: none"> matt

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	450 - 950 mPa.s	mixture
Density (mixture 23 °C)	EN ISO 2811	1.20 g/cm ³	mixture

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>General:</p> <ul style="list-style-type: none"> - Dry, load-bearing - Clean StoPur sealing coats or StoPur coatings <p>Sealing coat:</p> <ul style="list-style-type: none"> - Apply sealing coat within 72 h: New coatings on a PUR basis can be directly sealed with StoPur WV 152 after curing. - Apply sealing coat after 72 h: Before applying a sealing coat, use a green or black abrasive pad to sand the existing coating until it is matt. <p>Substrate temperature: at least +10 °C, 3 K above the dew point Bond strength, average: 1.5 N/mm²</p> <p>Bond strength, lowest single value: 1.0 N/mm²</p>
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Application

Application temperature	<p>substrate and air temperature</p> <p>Minimum temperature: +15 °C</p> <p>Maximum temperature: +25 °C</p>
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Application temperature:
Minimum temperature: +15 °C
Maximum temperature: +25 °C

Relative humidity:
minimum: 40 %
maximum: 75 %

Time for application	at +23 °C: approx. 45 minutes
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Mixing ratio	component A : component B A : B 100.0 : 9.0 parts by weight
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Material preparation	<p>Notes:</p> <ul style="list-style-type: none">- 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. <p>Mixing time:</p> <ul style="list-style-type: none">- 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. <p>Possible consequences if mixing times are too long or too short:</p> <ul style="list-style-type: none">- Mixing the product too long will shorten the time for application. <p>Preparing the material:</p> <ol style="list-style-type: none">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 minutes4) Ensure that the mixing equipment covers the bottom and the rim areas of the mixing container. The hardener must be evenly distributed.5) Transfer the mixture to a clean container. Mix the components again. <p>Transfer the material into a clean container using a paint sieve and stir it once again. Eliminate any lumps that occur during mixing.</p>
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Consumption	Type of application	Approx. consumption	
	as sealer	120 - 140	g/m ²

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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

coating on cementitious substrates

- 1) Prepare the substrate.
- 2) Priming: StoPox GH 500
- 3) Scatter: StoQuarz 0.3-0.8 mm
- 4) Apply an optional levelling layer: StoPur CL 125
- 5) Coating: StoPur CL 125
- 6) Sealing: StoPur WV 202

Application

coating on cementitious substrates

- 1) Prepare the substrate.
- 2) Priming:
 - StoPox GH 500
 - Flood apply the product. Tools: rubber squeegee
 - Rework the product with a roller and spread evenly.
 - consumption: approx. 0.2-0.3 kg/m², depending on the roughness of the substrate
 - Note: Avoid the formation of puddles.
- 3) Scatter:
 - StoQuarz 0.3-0.8 mm
 - Scatter the fresh priming coat grain by grain without any surplus.
 - consumption: approx. 0.5 - 1.0 kg/m²
- 4) Apply an optional levelling layer:
 - StoPur CL 125
 - Apply the product. Tools: squeegee
 - Spread the product evenly.
 - consumption: approx. 0.6-1.0 kg/m²
- 5) Coating:
 - StoPur CL 125
 - Apply the product. Tools: squeegee
 - Spread the product evenly and de-air. Tools: spiked roller
 - consumption: approx. 1.8-2.5 kg/m²
 - Note: The coating must be applied on the underlying layer within 24 hours.
- 6) Sealing:
 - StoPur WV 202
 - Apply the product evenly in a criss-cross pattern. Tools: squeegee with rubber blade notched 1 mm

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- Rework the product and spread evenly in a criss-cross pattern with a roller.

Tools: Sto-Lackierwalze Nylon RS8 - stock-keeping unit 08278-006

- consumption of StoPur WV 202: approx. 120-140 g/m²

- Note: Avoid the formation of puddles to prevent any difference in gloss level. Do not wait longer than five minutes between rolling on two strips of paint. Always work wet-on-wet to prevent initial drying at the edges.

Avoid roller marks:

- Apply the sealing coat evenly in a criss-cross pattern.

- Avoid overlaps.

- Depending on the expected stress, several application cycles are necessary.

- Observe the drying times between application cycles.

Note:

- Avoid direct sunlight, high temperatures, and draughts during application.

- Exposure of the chemicals may cause discolourations, which do not, however, impair the technical function of the coating.

- When working with polyurethane, make sure that the material does not come into contact with water during curing, as this can lead to reaction bubbles (foam formation).

- Roller marks can occur with the sealing coat.

- Layer thickness of the sealing coat: < 0.5 mm. Mechanical use reduces the layer thickness. This can shorten the service life.

- Different material application, too high humidity, and low temperatures can lead to visual defects, e.g. differences in the gloss levels.

Plasticiser-resistant:

- StoPur WV 202 is not plasticiser-resistant

Drying, curing, ready for next coat

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 tools with water.
Remove bonded material by mechanical means.

Notes, recommendations, special information, miscellaneous

1) Observe the general application instructions:

- see www.stocretec.de, Products

- see technical manual, notes

2) Observe the implementation instructions.

Declaration of performance, CE marking:

- declaration of performance: see www.stocretec.de

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- The abrasion resistance specified in the declaration of performance refers to the smooth, not scattered covering.

Delivery

Colour shade RAL colour fan,
wide colour shade variety

Article number	Name	Container
04076/001	StoPur WV 202 Set tinted	12 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

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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