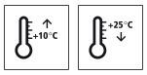
Technical Data Sheet
StoPur VR 100

PUR sealing coat, slip-resistant, transparent



Characteristics

Area of application

- transparent sealing coat on balconies and access balconies with light mechanical stress (surfaces subject to foot traffic)
- on floors

Properties

- slip-resistant
- easy-care sealing coat for smooth PUR coatings in exteriors
- resistant to ageing, UV and visible light
- solvent-free

Appearance

- transparent
- gloss

Information/notes

- not suitable for surfaces subject to vehicle traffic
- slip-resistance is achieved by embedding Sto Ballotini

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811-2	1,1 g/cm³	
Viscosity (at 23 °C)	EN ISO 3219	1.800 mPa.s	+/- 500 mPa.s at 23 °C

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 PUR coatings such as StoPur EB 200 and StoPur EB 400.
Requirements on the substrate:
The substrate must be dry, load-bearing, and free from native and foreign release agents. Remove weak layers and laitance.

Substrate temperature higher than +10 °C and 3 K above dew point.
Average bond strength ≥ 1.5 N/mm²
Bond strength, lowest single value: 1.0 N/mm²

Preparations

Seal new PUR coatings once they are ready for foot traffic within 24 hours using

Technical Data Sheet
StoPur VR 100

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With surfaces that contain chips, break off the raised edges of the StoChips and suction clean.

Check PUR old coatings for load-bearing capacity. Sand lightly with an abrasive pad. Suction clean the surface. Wet a solvent resistant, lint-free cloth with StoDivers EV 100 and wipe the surface. Let it dry.

Application

Application temperature

Lowest application temperature: +10 °C
highest application temperature: +25 °C

Time for application

At +20 °C: approx. 20 minutes
Observe short processing time.

Mixing ratio

component A : component B = 100.0 : 82.0 parts by weight
+ 30 weight per cent Sto Ballotini 180 - 300 µm

Material preparation

The temperature of the individual components must be at least +15 °C when mixing. Add component A completely to a clean mixing vessel
Keep mixture moving (stirring paddle) and distribute immediately on to the surface.

Consumption

Type of application	Approx. consumption	
as sealer	0,15 - 0,2	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

Available coating: StoPur EB 200 or StoPur EB 400, if required with chip scattering StoChips 1 mm or StoChips 3 mm.
1) Substrate preparation
2. Sealing StoPur VR 100 and Sto Ballotini 180 - 300 µm

Application

1) Substrate preparation

2. Sealing StoPur VR 100 and Sto Ballotini 180 - 300 µm

Keep the mixture constantly moving to prevent sedimentation of the Sto Ballotini and spread (empty out) roughly on the surface immediately after mixing.
The mixture is finely distributed by troweling off with a wide trowel over the guiding grain of Sto Ballotini.
Evenly spread and texture by then rapidly rolling with a coarse texturing roller (texturing roller, coarse, yellow).

Technical Data Sheet
StoPur VR 100

	Material consumption: StoPur VR 100: 150 - 200 g/m² Sto Ballotini 180 - 300 µm: 30 weight per cent (45 - 60 g/m²)
Drying, curing, ready for next coat	Early rainproofing after 2 hours Walkable after approx. 6 hours Fully hardened after 7 days
Cleaning the tools	After every work interruption, clean tools and working equipment using StoDivers EV 100.
Notes, recommendations, special information, miscellaneous	General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Article number	Name	Container
00075/002	StoPur VR 100 Combi	1 kg combi

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
GISCODE	PU60
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.

Technical Data Sheet
StoPur VR 100

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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