

Technical Data Sheet

StoPur VS 70

PUR bonding agent for StoPur BA 2000



Characteristics

Area of application • as a bonding agent between the prime coating/sealing coat/scratch coat and StoPur BA 2000

Properties • very good adhesion

Information/notes • as an adhesion primer for connections made of hard plastic such as PVC or ABS
• tested in accordance with TL/TP-BEL-B3

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811-2	1.02 - 1.04 g/cm ³	
Viscosity (at 23 °C)	EN ISO 3219	46 - 96 mPa.s	

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 Requirements on the substrate:
The scattered prime coating or scratch coat with StoPox BV 100 must be dry, load-bearing, and free from native and foreign release agents.
Minimum age of the StoPox BV 100 prime coating/scratch coat:
At +20 °C: 1 day
at +8 °C: 2 days

Substrate temperature higher than +1 °C and 3 K above dew point.

Application

Application temperature Lowest application temperature: +1 °C
Relative humidity: min. 40 %, max. 85 %

Time for application at +10 °C: approx. 10 h
at +23 °C: approx. 6 h
at +30 °C: approx. 4 h

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Mixing ratio Ready-to-use.

Material preparation Before application, stir StoPur VS 70 thoroughly with a slow-running paddle mixer (300 rpm).

Consumption	Type of application	Approx. consumption	
	as bonding agent	0.1	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

- 1) Substrate preparation
- 2) Prime coating of StoPox BV 100
- 3) Scratch coat (optional)
- 4) Bonding agent StoPur VS 70
- 5) Waterproofing layer StoPur BA 2000
6. Tack coat StoPur VBS 2000
- 7) Mastic asphalt protection layer

Application

Observe the instructions for StoPur BA 2000!

- 1) Substrate preparation
- 2) Prime coating of StoPox BV 100
3. Scratch coat (optional)
- 4) Bonding agent StoPur VS 70
Spray a thin layer of StoPur VS 70 at the earliest 1 day after applying the prime coating/scratch coat of StoPox BV 100, at +20 °C average substrate temperature. Avoid the formation of puddles. If necessary, roll afterwards with a dry lambswool roller.
Consumption of StoPur VS 70: max. 0.1 kg/m²
- 5) Waterproofing layer StoPur BA 2000
The minimum waiting time for applying StoPur BA 2000 thick coat is 5 hours at +20 °C medium substrate temperature and > 40 % relative humidity.
The maximum waiting time is 12 hours.

Note: Moisture and soiling between the individual stages can disturb the adhesive bond. Therefore take suitable preventative measures.

At low temperatures, a delayed reaction, longer flash-off times, and a change in material consistency should generally be expected.

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For this reason, apply StoPur VS 70 as far as possible at temperatures above +15 °C.

Cleaning the tools	After use, clean immediately with StoDivers EV 100 or StoCryl VV.
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Notes, recommendations, special information, miscellaneous	General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.
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Delivery

Colour shade	transparent
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Article number	Name	Container
14084-005	StoPur VS 70 colourless	20 kg pail

Storage

Storage conditions	Store in dry and frost-free conditions. Avoid direct sunlight.
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Storage life	In the original container until ... (see packaging).
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Identification

Product group	Bonding agent
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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.

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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