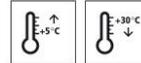


Technical Data Sheet

StoPur EA

PUR balcony coating, thin-layer, solvent-containing



Characteristics

- Area of application**
- as a coloured coating for balcony surfaces, access balconies, and loggias
 - for cementitious substrates such as concrete or screed surfaces

- Properties**
- highly elastic
 - UV- and weather-resistant
 - solvent-containing

- Appearance**
- silk gloss

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	880 - 1.320 mPa.s	mixture
Density (mixture 23 °C)	EN ISO 2811	1,26 - 1,34 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**
- Requirements on the substrate:
The substrate must be dry, load-bearing, and free from native and foreign release agents. Remove weak layers and laitance.
- Dry in accordance with the definition of the DAfStb (German) Repair Guideline 2001-10, but depending on the compressive strength class. The moisture content may not exceed 4 CM per cent for concrete qualities up to C30/37 and max. 3 CM per cent for C35/45 concrete, measured with a calcium carbide meter.
- Substrate temperature greater than +5 °C and 3 K above dew point.
Average bond strength: 1.5 N/mm²
Bond strength, lowest single value: 1.0 N/mm²

- Preparations**
- Substrate preparation:
Prepare the substrate using a suitable mechanical process such as shot-blasting, milling and then shot-blasting, or abrasive blasting.

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Application

Application temperature Lowest application temperature: +5 °C
Highest application temperature: +30 °C

Time for application At +10 °C: approx. 60 minutes
at +20 °C: approx. 40 minutes
at +30 °C: approx. 30 minutes

Material preparation Ready-to-use, stir pail thoroughly. Knead the bag before opening.

Consumption	Type of application	Approx. consumption	
	as a coating	0,80 - 1,00	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 Standard system 1) Substrate preparation 2a) Priming with StoPox 452 EP 2b) Priming and scratch coat 3) Coating with StoPur EA 4) Chips scattering (optional) with StoChips 1 mm
One-day balcony coating 2c) Priming with StoPox GH 300

Application

1) Substrate preparation

2a) Priming with StoPox 452 EP Flood apply the mixed StoPox 452 EP on to the substrate and spread it evenly using a rubber squeegee. Leave to set for 5 minutes. Rework the surface evenly with a roller. Consumption of StoPox 452 EP: approx. 0.3 - 0.5 kg/m² Prime evenly, then scatter grain by grain with StoQuarz 0.1 - 0.5 mm or 0.3 - 0.8 mm. Consumption of StoQuarz 0.1 - 0.5 mm or 0.3 - 0.8 mm: approx. 1 kg/m²

2b) Priming and scratch coat Flood apply the mixed StoPox 452 EP on to the substrate and spread it using a rubber squeegee. Leave to set for 5 minutes. Rework the surface evenly with a roller.

Apply a scratch coat, consisting of 1 part by weight StoPox 452 EP and up to 3 parts by weight StoZuschlag KS on to the fresh, unscattered prime coating.

Consumption of StoPox 452 EP per mm of layer thickness: 0.5 kg/m² StoZuschlag KS: 1.5 kg/m²

Scatter a surplus of StoQuarz 0.3 - 0.8 mm on to the fresh scratch coat. Avoid bald spots - if required, rescatter gaps until the scratch coat starts to gel.
Consumption of StoQuarz 0.3 - 0.8 mm: approx. 6 kg/m²

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2c) Priming for one-day balcony coating Flood apply the mixed GH 300 on to the substrate and spread it using a rubber squeegee. Leave to set for 5 minutes. Rework the surface evenly with a roller. Consumption of StoPox GH 300: approx. 0.3 - 0.5 kg/m² Do not scatter onto the prime coating. Coat within 24 hours.

3) Spread the StoPur EA coating with the rubber squeegee and then roll evenly. Alternatively, roll a double layer of StoPur EA. The second application cycle must occur within 12 - 48 hours. Consumption of StoPur EA: 0.8 - 1.0 kg/m²

4) Chips scattering Loosely scatter StoChips 1 mm in the final application cycle. Consumption of StoChips 1 mm: approx. 30 g/m²

Cleaning the tools

Clean with StoDivers EV 100 immediately after use.

Notes, recommendations, special information, miscellaneous

Only StoDivers ST may be used as a thixotropic additive. Otherwise, curing flaws may occur.

General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Colour shade

approx. RAL 7032, 7035 and 7038
PG 11 and PG 12 (except RAL 7032 and 7035): minimum order amount 150 kg

Article number	Name	Container
02370-001	StoPur EA tinted	5 kg box
02370-008	StoPur EA RAL7035	12.5 kg pail
02370-007	StoPur EA RAL7032	12.5 kg pail
02370-006	StoPur EA RAL7035	5 kg box
02370-005	StoPur EA RAL7032	5 kg box

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

Coating

Technical Data Sheet

StoPur EA

GISCODE PU50

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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