

Technical Data Sheet

StoPur DL 520

PUR balcony sealer, transparent, mid sheen



Characteristics

Area of application

- transparent sealing coat onto polyurethane coatings for balconies, access balconies, and loggias

Properties

- improvement in cleanability
- high resistance to abrasion and weathering
- elastic
- resistant to ageing, UV and visible light

Appearance

- transparent
- mid sheen

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density (mixture 23 °C)	EN ISO 2811	0,97 - 1,03 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

Hardened PUR coatings such as StoPur EB 200, StoPur EB 400 or StoPur EA.

Requirements on the substrate:
The substrate must be dry, load-bearing, and free from native and foreign release agents.

Substrate temperature higher than +10 °C and 3 K above dew point.
Average bond strength $\geq 1.5 \text{ N/mm}^2$
Bond strength, lowest single value: 1.0 N/mm^2

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: +10 °C Highest application temperature: +30 °C	
Time for application	At +20 °C: max 1 hour	
Mixing ratio	component A : component B = 100.0 : 33.3 parts by weight	
Material preparation	Component A and Component B are supplied in the correct mixing ratio and should be mixed in accordance with the following instructions. Stir component A, then add all of component B. Mix thoroughly with a slow-running paddle mixer (max. 300 rpm) until a homogeneous, streak-free compound develops. It is also vital to stir thoroughly at the sides and the bottom in order to evenly distribute the hardener. Mixing time is at least 3 minutes. After mixing, pour the compound into a clean container and mix again. Do not apply from the delivery container! The temperature of the individual components must be at least +15 °C when mixing.	
Consumption	Type of application	Approx. consumption
	as sealer	0,1 - 0,2 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	Available coating: StoPur EB 200, StoPur EB 400 or StoPur EA possibly with chip scattering StoChips 1 mm or StoChips 3 mm. 1) Substrate preparation 2) Sealing with StoPur DL 520	
Application	Available coating: StoPur EB 200, StoPur EB 400 or StoPur EA possibly with chip scattering StoChips 1 mm or StoChips 3 mm. 1) Substrate preparation 2) Sealing coat of StoPur DL 520 Apply StoPur DL 520 using a fine Moltopren roller or short-pile mohair roller. Apply StoPur DL 520 in a criss-cross pattern to minimise roller marks and achieve an even surface.	

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Material consumption approx. 0.1 - 0.2 kg/m²

Drying, curing, ready for next coat Dust-dry: after approx. 30 minutes (at +20°C)
Walkable: after 12 hours (at +20°C)

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
01281/001	StoPur DL 520 Set	2 kg set

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 PU35

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.

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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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