

Technical Data Sheet

StoCryl SP

Acrylate filler



Characteristics

- Area of application**
- as a filler on concrete structures (concrete and reinforced concrete) for levelling slight unevenness and for filling blow-holes
 - as an intermediate coat on non-chalking, load-bearing existing coatings

Properties

- very good adhesion to the substrate
- very good non-sag properties
- very good application properties
- can be quickly over-coated
- water-based

Information/notes

- not suitable for horizontal surfaces
- not suitable for surfaces subject to foot and vehicle traffic

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,7 - 1,9 g/cm ³	
Bond strength on concrete	EN 1542	≥ 0,3 N/mm ²	

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 less strong 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.

Preparations

Prepare the substrate using a suitable mechanical process, such as abrasive blasting or high-pressure water blasting (> 800 bar).
Open pores and blow-holes sufficiently.

Technical Data Sheet

StoCryl SP

Application

Application temperature Lowest application temperature: +8 °C
Highest application temperature: +30 °C

Material preparation Ready-to-use, stir thoroughly before application.

Consumption	Type of application	Approx. consumption	
	per mm layer thickness	2,0	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 StoCryl GW 200 or StoCryl GQ
- 3) Filling and levelling coat of StoCryl SP
- 4) Sealing coat / coating of StoCryl V 100, StoCryl V 200, StoCryl EF, StoCryl RB, or StoCryl Z 110

Application

Apply the product manually using a bucket trowel, finishing trowel, or spatula.

1) Substrate preparation

2) Prime coating
Prime with StoCryl GW 200 or StoCryl GQ.

For detailed information regarding the primers, please refer to the Primers/Fillers overview and the relevant Technical Data Sheet.

3) Filling:
Apply StoCryl SP onto the prepared and primed substrate.
Layer thickness: max. 1 mm

consumption of StoCryl SP: approx. 2.0 kg/m² at a max. layer thickness of 1 mm

Reworking:
at +8 °C after approx. 24 hours
at +20 °C after approx. 12 hours
at +30 °C after approx. 8 hours

4) Sealing coat/coating
Apply the sealer/coating using StoCryl V 100, StoCryl V 200, StoCryl EF, StoCryl RB, or StoCryl Z 110.

For detailed information regarding sealers and coating materials, please refer to

Technical Data Sheet

StoCryl SP

the relevant Technical Data Sheet.

Cleaning the tools Clean with water immediately after use. Hardened material can only be removed mechanically.

Notes, recommendations, special information, miscellaneous General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Colour shade white

Packaging pail

Article number	Name	Container
00898-006	StoCryl SP	25 kg pail

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 Filler

GISCODE BSW20

Safety Observe the Safety Data Sheet!

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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