

Technical Data Sheet

StoCryl ZB

Intermediate coat



Characteristics

Area of application

- as intermediate coat on concrete
- for levelling small unevenness and filling blow-holes
- as an intermediate coat on non-chalking, load-bearing existing coatings

Properties

- very good bond with the substrate and to subsequent finishes
- very good sealing of pores
- water vapour diffusion open
- very good application properties

Information/notes

- not suitable for surfaces subject to foot or vehicle traffic

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,3 - 1,5 g/cm ³	
Water permeability rate w	EN 1062-1	< 0,05 kg/(m ² h ^{0.5})	
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783	1.700	average value

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.

Existing coats:
Firmly adhering and load-bearing

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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.

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	
	as intermediate coat	0,9 - 1,1	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 StoCryl GW 200 or StoCryl GQ
- 3) Intermediate coat of StoCryl ZB
- 4) Coating of StoCryl V 100, StoCryl V 200, StoCryl EF, StoCryl RB, or StoCryl Z 110.

Application

Manually: by paint brush and roller
By machine: inoBEAM M8 or inoBEAM Mini Plus
By airless spray-gun: inoSPRAY M5

- 1) Substrate preparation
 - 2) Prime coating
Prime with e.g. StoCryl GW 200 or StoCryl GQ.
 - 3) Intermediate coat
Apply StoCryl ZB onto the prepared and primed substrate.
Layer thickness over the area: max. 0.5 mm
- Waiting times until the next layer:
at +8 °C after approx. 24 hours
at +20 °C after approx. 12 hours
at +30 °C after approx. 8 hours

- 4) Coating
Coat with StoCryl V 100, StoCryl V 200, StoCryl EF, StoCryl RB, or StoCryl Z 110.

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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 grey

Packaging pail

Article number	Name	Container
01656-001	StoCryl ZB	20 kg pail

Storage

Storage conditions Store in dry and frost-free conditions. Protect from direct sunlight.

Storage life In the original container until ... (see packaging).

Identification

Product group Intermediate coat

GISCODE BSW20

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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