

Technical Data Sheet

StoCryl Z 110

Intermediate coat, texturing



Characteristics

Area of application

- as a coating suitable for texturing on concrete structures (concrete and reinforced concrete) for levelling slight unevenness
- for reworking load-bearing existing coatings

Properties

- very good bond to the substrate
- suitable for texturing
- water vapour diffusion open
- very good application properties

Information/notes

- product is in accordance with EN 1504-2
- not suitable for surfaces subject to foot or vehicle traffic
- also suitable as a finishing coat

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,5 - 1,7 g/cm ³	
Water permeability rate w	EN 1062-1	< 0,05 kg/(m ² h ^{0.5})	
Gloss	EN 1062-1	G3 - Matt	

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.

Technical Data Sheet

StoCryl Z 110

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	0,3 - 0,4 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) Coating with StoCryl Z 110.

Application

by machine
Manually using a brush and roller, or by machine using the airless spraying method or with the Inomat XXL

- 1) Substrate preparation
- 2) Prime coating
Prime with e.g. 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) Coating
StoCryl Z 110 is applied onto the prepared and primed substrate.

Consumption of StoCryl Z 110: 0.3-0.4 kg/m² per mm of layer thickness

Please note: in case of intense colour shades, the viscosity of the material can diminish. In such cases, a second application cycle may be necessary.

Waiting time until rain and humidity sensitive:
at +8°C: after approx. 24 hours

Technical Data Sheet

StoCryl Z 110

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

Cleaning the tools	Clean with water after use. Collect cleaning water/rinsing water and dispose of it professionally. Remove bonded material by mechanical means.
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Notes, recommendations, special information, miscellaneous	The declaration(s) of performance can be obtained from the StoCretec Technisches InfoCenter 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	white, tintable in accordance with the StoColor System
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Packaging	Pail
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	Article number	Name	Container
	01721-001	StoCryl Z 110 white	25 kg pail
	01721-003	StoCryl Z 110 tinted	25 kg pail

Storage

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

Product group	Intermediate coat
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GISCODE	BSW50
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Safety	For further information on handling the product, its storage and disposal, see EU Safety Data Sheet. The EU Safety Data Sheet is available for the professional user.
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Technical Data Sheet

StoCryl Z 110

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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