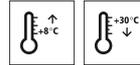


Technical Data Sheet

StoCryl EH 100

Epoxy resin hybrid primer



Characteristics

Area of application

- interior and exterior
- on floor and wall areas
- for concrete and cementitious screed
- primer underneath StoCrete EH 200 and StoCrete EH 280

Properties

- single-component
- ready-to-use
- very good adhesion to the substrate
- quick drying
- suitable for damp substrates and substrates subjected to rising damp
- very good wetting of the substrate

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1.0 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

Cementitious screed in accordance with DIN EN 13813 (DIN 18560) or concrete in accordance with DIN 1045-1 (CT-C35-F5 or C 20/25)

Requirements on the substrate:

The substrate must be load-bearing and free from native and foreign release agents.

Remove weak layers and laitance.

Dry or damp in accordance with the definition in the DAfStb (German) Repair Guideline 2001-10.

Average bond strength 1.5 N/mm²

Lowest single bond strength value 1.0 N/mm²

Substrate temperature higher than +8 °C and 3 K above dew point.

Preparations

Prepare the substrate using a suitable mechanical process such as shot-blasting,

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milling and then shot-blasting, or abrasive blasting.

Grinding the substrate is not recommended.

Carefully ensure that pores and blow-holes in the substrate are sufficiently opened, so that they can be completely wetted with the priming dispersion.

For a strongly absorbent substrate, pre-wetting the pre-treated surface is recommended the evening before priming and coating.

Application

Application temperature	Lowest application temperature: +8 °C Highest application temperature: +30 °C Maximum approved relative humidity 85 %
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Consumption

Type of application	Approx. consumption
as primer, depending on the substrate	0.15 - 0.30 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

Fast industrial coating on substrates that are dry, damp, or subject to rising damp

- 1) Substrate preparation
- 2) Prime coating of StoCryl EH 100
- 3) Intermediate coat of StoCrete EH 200
- 4) Finishing coat of StoPox BB OS, StoPox KU 601, StoPox WL 100/200, StoPox MS 200 and other StoCretec coating systems.

surface protection system and damp-proof membrane on horizontal and vertical surfaces

- 1) Substrate preparation
- 2) Prime coating of StoCryl EH 100
- 3) Filling with StoCrete EH 280 (1-2 application cycles)
- 4) Finishing coat of StoPox KU 180 or StoPox UA (optional)

Application

Fast industrial coating on substrates that are dry, damp, or subject to rising damp

- 1) Substrate preparation
- 2) Prime coating of StoCryl EH 100
Pour StoCryl EH 100 undiluted onto the prepared substrate, spread it using a rubber squeegee, then roll it with a nylon roller.

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It is essential to avoid forming puddles.

It can be overcoated with StoCrete EH 200 or StoCrete EH 280 when the colour of StoCryl EH 100 has changed from milky and cloudy to blueish transparent. This is usually the case after 30 to 90 minutes.
Please observe the Technical Data Sheet for StoCrete EH 200 and StoCrete EH 280.

Cleaning the tools Clean tools with water immediately after use.

Notes, recommendations, special information, miscellaneous Shake well before use!
General application instructions can be found at www.stocretec.de (Products) and in the latest issue of the "Technical Data Sheets" manual, in the appendix.

Delivery

Packaging Can

Article number	Name	Container
01144-001	StoCryl EH 100	5 kg can

Storage

Storage conditions Store in frost-free conditions; avoid direct sunlight.

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

Identification

Product group Primer

Safety Observe the Safety Data Sheet!

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StoCryl EH 100

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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