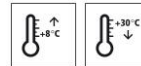


Technical Data Sheet

StoCrete EH 200

Epoxy resin hybrid self-levelling coating



Characteristics

- Area of application**
- interior and exterior
 - on floor areas
 - epoxy-resin-modified intermediate coating on a cement base, quick to overcoat

Properties

- two-component
- excellent self-spreading properties
- very good adhesion to dry and damp substrates
- very quick curing
- suitable for damp substrates and substrates subjected to rising damp
- non-combustible A2fl-s1, in accordance with EN 13501-1: 2007

Information/notes

- Product is in accordance with EN 13813
- Product is in accordance with EN 1504-2

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Compressive strength (28 days)	EN 12190	54 MPa	
Density (23 °C)	EN ISO 2811	1.85 g/cm ³	approx.

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 18560 or concrete in accordance with DIN 1045. (ZE 30 or C 20/25).

Requirements on the substrate:

The concrete substrate must be load-bearing and free from native and foreign release agents, as well as from corrosion-promoting components (e.g. chlorides). Remove weak layers and laitance.

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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, milling and then shot-blasting, or abrasive blasting.

Sanding the substrate is not sufficient.

Application

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

Time for application At +20°C: (air temperature), approx. 30 minutes
 Protect from draughts and direct sunlight during application.

Mixing ratio Component A : component B = 7.3 : 22.7 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:
 Shake component A thoroughly and then transfer it to a suitable mixing container. Then slowly add all of component B (powder component).
 Mix thoroughly with a fast-running paddle mixer approx. 5 minutes until a homogeneous, streak-free compound develops. Use a trowel to scrape down the sides of the mixing container from time to time, in order to prevent the build-up of lumps.
 Suitable paddle mixers are, for example, MKN 140 N, KR 140 HF or DLX 152 M from Collomix (www.collomix.de).
 The temperature of the individual components must be min. +15 °C when mixing.

Consumption	Type of application	Approx. consumption	
	per mm layer thickness	1.9	kg/m ²
recommended material application	4.0	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 Fast industrial coating on substrates that are dry, damp, or subject to rising damp

1) Substrate preparation

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- 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.

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.

It is essential to avoid forming puddles.

It can be overcoated with StoCrete EH 200 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.

3) Intermediate coat of StoCrete EH 200

Apply StoCrete EH 200 undiluted using a notched trowel/squeegee (notching 48 or 78, Sto tools catalogue) and immediately de-air it with a spiked roller.

Recommended material application: approx. 4.0 kg/m²

4) Finishing coat

StoCrete EH 200 can be directly coated with all StoPox floor coatings without an intermediate primer. If coating it with a StoPur coating, prime it in between with StoPox WG 100.

Drying, curing, ready for next coat

At +10°C: approx. 10 h
At +20°C: approx. 6 h
At +30°C: approx. 4 h

Cleaning the tools

Clean tools with water immediately after use.

Notes, recommendations, special information, miscellaneous

Shake component A 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

Colour shade

grey, not a RAL colour shade

Packaging

Sack and can

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StoCrete EH 200

Article number	Name	Container
01152/001	StoCrete EH 200 Set	30 kg set

Storage

Storage life

In the original container until ... (see packaging).
This product has a low chromate content. We guarantee this property until maximum storage life expires. Please observe the guaranteed storage life data on the batch no. shown on the container.
Explanation of batch number: e.g. 6050017152
In this example, storage life until the end of week 05 in 2016 is guaranteed (digit 1 = last digit of the year, digits 2 + 3 = calendar week). For further explanation, see the price list.

Identification

Product group

Mixing liquid

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.

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.

StoCretec GmbH
Gutenbergstr. 6
D-65830 Kriftel

Tel.: +49 6192 401-104
Fax: +49 6192 401-105
stocretec@sto.com
www.stocretec.de