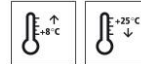


Technical Data Sheet

StoCryl CP

Primer for mineral self-levelling mortar



Characteristics

Area of application

- interior
- on floors
- for concrete and reinforced concrete
- as a primer underneath StoCrete VM 630 and StoCrete VM 640

Properties

- as an intermediate coat for a multi-layer build-up with StoCrete VM 630 and StoCrete VM 640
- very good adhesion to the substrate

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1.0 g/cm ³	
Water permeability rate w	system 4 / EN 13813:2002		NPD

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 less strong layers and laitance.

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

Average bond strength: 1.5 N/mm²
Bond strength, lowest single value: 1.0 N/mm²
Substrate temperature higher than +8 °C and 3 K above dew point.

Note:

Technical Data Sheet

StoCryl CP

StoCryl CP is not suitable for exterior areas, for outdoor weathering, or if there is a risk of rising damp, e.g. building elements without waterproofing in contact with the ground.

Preparations

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

Waterproof any door sills, gutters, and drains with self-adhesive foam strips before applying StoCrete VM 640.

Application

Application temperature

Lowest application temperature: +8 °C
 highest application temperature: +25 °C
 max. approved relative humidity: 75 %

Consumption

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

Mineral coating for industrial use

- 1) Substrate preparation
- 2) Prime coating of StoCryl CP
- 3) If necessary, smoothing coat of StoCrete VM 630
- 4) Prime coating of StoCryl CP
- 5) Coating of StoCrete VM 640

Application

Mineral coating for industrial use

- 1) Prime coating
 For normally absorbent substrates, dilute 1 part by weight StoCryl CP with 3 parts by weight water.

Before laying StoCrete VM 640, level large unevenness and roughness depths in

Technical Data Sheet

StoCryl CP

the floor using StoCrete VM 630.
 Details can be obtained from the Technical Data Sheet for StoCrete VM 630.

Pre-wet strongly absorbent, dry substrates the evening before coating. In the first application cycle, flood apply the primer over the floor using a broom (e.g. a street broom) to make sure it penetrates the pores, until the substrate is evenly wet and can absorb no more.

It is essential to avoid forming puddles.

Note:
 Depending on the absorbency of the substrate, priming may be required several times.
 Pores must be sealed.

The waiting time between the two application cycles is 2 - 12 hours (at approx. +20 °C).

The prime coating changes from a milky, cloudy appearance to a transparent, clear one.

Reroll thoroughly using a roller to remove remaining material in the recesses.

If priming has not been carried out carefully, there is a risk of air pores and pinholes in the self-levelling mortar.

Consumption: approx. 0.15 - 0.3 kg/m² per application cycle

After approx. 30 - 50 minutes, StoCryl CP changes from being milky and cloudy to transparent (+20 °C).

After approx. 1 - 24 h, rework with StoCrete VM 630 or StoCrete VM 640.

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. Please observe the application instructions for StoCrete VM! (Obtainable from the StoCretec Technical InfoCenter or at www.stocretec.de)
---	--

Delivery

Packaging	Can
------------------	-----

Article number	Name	Container
04343-005	StoCryl CP	20 l can

Storage

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

Technical Data Sheet

StoCryl CP

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

Certificates/approvals

Rev.-Nr. 110518 Implementation instructions StoCrete VM

Identification

Product group Primer

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.
You will receive an EU Safety Data Sheet with your first order.
Please observe the information regarding the handling of the product, its storage, and disposal.

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