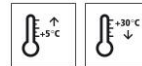


# Technical Data Sheet

## StoCryl HG 200

Impregnation, hydrophobic, gel-like



### Characteristics

- Area of application**
- as deep hydrophobic impregnation to protect concrete structures (concrete and reinforced concrete)
  - as preventive protection against chloride corrosion

### Properties

- prevents the ingress of water and harmful substances dissolved in water
- very high depth of penetration
- very high hydrophobic effect in the entire concrete edge zone
- regulates the moisture balance
- increases electrical resistivity
- very high active agent content
- very long contact time
- very good application properties

### Appearance

- transparent

### Information/notes

- product is in accordance with EN 1504-2
- surfaces subject to foot or vehicle traffic on request
- hydrophobic impregnation (class II)

### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	0.9 g/cm <sup>3</sup>	

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 weak layers and laitance if applying film-forming surface protection

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systems on top.

Dry in accordance with the definition of the DAfStb (German) Repair Guideline 2001-10, but depending on the compressive strength class. Residual moisture may amount to max. 4 wt% for concrete in strength classes up to C30/37 and max. 3 wt% for C35/45 concrete, measured with a calcium carbide meter.

Waiting time after rain is approx. 24 hours.

Concrete surfaces to be impregnated should be at least 28 days old.

#### Preparations

If substrate preparation is necessary, cleaning with a brush or high-pressure water jets is recommended. After cleaning with high-pressure water jets, make sure that the concrete surface is left to dry for a sufficient amount of time (approx. 2 days).

#### Application

##### Application temperature

Lowest application temperature: +5 °C  
Highest application temperature: +30 °C  
relative air humidity: < 85 %

##### Material preparation

Ready-to-use, stir thoroughly before application.

##### Consumption

Type of application	Approx. consumption	
as hydrophobic impregnation	675	ml/m <sup>2</sup>

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) Hydrophobic impregnation of StoCryl HG 200

##### Application

- 1) Substrate preparation

- 2) Hydrophobic impregnation

The airless spray process is used to apply StoCryl HG 200 undiluted to concrete in the required layer thickness.

Select the pressure setting so that as little fog as possible develops.

Application is completed in a single cycle.

Consumption approx. 0.5 - 1.0 l/m<sup>2</sup>

Protective measures:

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StoCryl HG 200 must not be allowed to settle on the road surface during application (via the overspray, for example). Even a thin film of material can considerably reduce tyre grip. Ensure that overspray does not settle on passing vehicles. Visibility can be impaired especially if the windscreen is contaminated.

**Note:**

After application, ensure that the hydrophobed surfaces are still protected against splash water or rainfall for approx. 24 hours.

StoCryl HG 200 can be finished in-situ with sealants (StoCryl V 100, StoCryl V 200). Clean the surface thoroughly before applying an in-situ finish. The carrier material of StoCryl HG 200 should be removed by brushing or with high-pressure water jets so that no residue remains.

The in-situ finish is applied in accordance with the Technical Data Sheets.

Can be finished in-situ by overcoating with StoCryl V 100 or StoCryl V 200:  
At > +8 °C after one week.

<b>Cleaning the tools</b>	Clean with StoDivers EV 100 immediately after use.
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<b>Notes, recommendations, special information, miscellaneous</b>	The Declaration(s) of Conformity can be obtained from the StoCretec Technisches InfoCenter For general application notes, see <a href="http://www.stocretec.de">www.stocretec.de</a> (Products) and in the latest issue of the "Technical Data Sheets" manual, in the appendix.
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### Delivery

<b>Packaging</b>	Pail
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Article number	Name	Container
01806-004	StoCryl HG 200	20 l pail

### Storage

<b>Storage conditions</b>	Store in dry and frost-free conditions.
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<b>Storage life</b>	In the original container until ... (see packaging).
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### Identification

<b>Product group</b>	Hydrophobic impregnation
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### 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,

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## StoCryl HG 200

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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.

**Sto SEA Pte Ltd**  
159 Sin Ming Road  
#06-02 Amtech Building  
Singapore 575625  
Phone: +65 6453 3080  
Fax : +65 6453 3543  
[info.sg@sto.com](mailto:info.sg@sto.com)  
[www.sto-sea.com](http://www.sto-sea.com)

**Sto SEA Sdn Bhd**  
28, Jalan Rajawali 3  
Bandar Puchong Jaya,  
47170 Selangor, Malaysia  
Phone: +60 3 8080 9066  
Fax: +60 3 8080 9255  
[info.my@sto.com](mailto:info.my@sto.com)  
[www.sto-sea.com](http://www.sto-sea.com)

**Sto SEA Pte Ltd**  
3656/49-52 Green Tower, 16<sup>th</sup> Floor  
Rama IV Rd, Klongton, Klongtoei,  
10110 Bangkok, Thailand  
Phone: +66 2 1684 921 Ext. 230  
Fax: +66 2 1684 999  
[info.sg@sto.com](mailto:info.sg@sto.com)  
[www.sto-sea.com](http://www.sto-sea.com)

**StoCretec GmbH**  
Gutenbergstr. 6  
65830 Kriftel,  
Germany  
Phone: +49 6192 401 104  
Fax: +49 6192 401 105  
[info.sg@sto.com](mailto:info.sg@sto.com)  
[www.sto-sea.com](http://www.sto-sea.com)

\*Product images may differ from the actual product.