

# Technical Data Sheet

## StoCryl GQ

Primer, quartz-filled



### Characteristics

**Area of application** • as a priming coat on concrete and existing coatings

**Properties**

- water-based
- quartz-filled for particularly good adhesion
- very good adhesive bond to existing coatings

**Information/notes** • not suitable for surfaces subject to foot or vehicle traffic

### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,20 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 less strong layers and laitance.

Concrete:

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.

Existing coatings:

Compatibility in accordance with ISO 2409: cross cut value < 1

#### Preparations

Concrete:

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.

Existing coatings:

Cleaning: e.g. with a high-pressure cleaner

# Technical Data Sheet

## StoCryl GQ

### Application

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

**Material preparation**      Stir the material until it is homogeneous.

Consumption	Type of application	Approx. consumption	
	as a primer	0,2 - 0,3	kg/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) Prime coating of StoCryl GQ
- 3) Optional: intermediate coat (e.g. StoCryl ZB)
- 4) Coating (e.g. of StoCryl V 100 or StoCryl RB)

### Application

- 1) Substrate preparation
- 2) Apply StoCryl GQ primer to the prepared substrate by brush or roller.  
Consumption of StoCryl GQ: approx. 0.2 - 0.3 kg/m<sup>2</sup> per layer
- 3) Optional: apply an intermediate coat, e.g. StoCryl ZB.  
Consumption of StoCryl ZB: approx. 0.9 - 1.1 kg/m<sup>2</sup>
- 4) Coat the area with StoCryl V 100 or StoCryl RB in accordance with the specifications in the corresponding Technical Data Sheet.

**Drying, curing, ready for next coat**      Drying and waiting times:  
Until application of the next layer:  
  
At +20 °C: after 8 h

**Cleaning the tools**      Clean with water immediately after use. Hardened material can only be removed mechanically.

# Technical Data Sheet

## StoCryl GQ

**Notes, recommendations,  
special information,  
miscellaneous**

General application instructions are available at [www.stocretec.de](http://www.stocretec.de) and in the notes of the latest Technical Manual.

**Delivery**

**Colour shade** white

**Packaging** pail

Article number	Name	Container
00859-001	StoCryl GQ	20 kg pail

**Storage**

**Storage conditions** Store in dry and frost-free conditions. Avoid direct sunlight.

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

**Identification**

**Product group** Primer

**GISCODE** BSW20

**Safety** Observe the Safety Data Sheet!

**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.

# Technical Data Sheet

---

## **StoCryl GQ**

D-65830 Kriftel

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