

Premium hydrophobic cream based on silane/siloxane, tested according to EN 1504-2:2004 with penetration depth class II: $\geq 10\text{mm}$

APPLICATION:

- » Precast plants
- » Concrete components
- » Concrete goods production
- » Natural stone impregnation
- » Special applications in concrete construction

ADVANTAGES:

- » High concentration of active ingredients (approx. 80%)
- » High penetration depth due to the long dwell time of the cream on the construction material surface
- » Drip-free application - problem-free overhead work
- » Suitable for all mineral and alkaline substrates and building materials
- » High hydrophobic effect
- » Reduced water absorption
- » Effectively reduced efflorescence
- » Alkali-stable
- » Improved frost and de-icing salt resistance

PROPERTIES

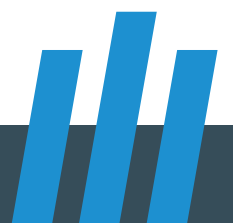
3CS® ConGuard HYDRO SURFACE CREAM 80 is a solvent-free, ready-to-use, hydrophobic cream for the concrete processing industry. **3CS® ConGuard HYDRO SURFACE CREAM 80** offers excellent and durable protection for concrete components and concrete structures as well as facades against water penetration. **3CS® ConGuard HYDRO SURFACE CREAM 80** also prevents the formation of efflorescence and frost damage, destruction by water-soluble pollutants and microorganism infestation. The physical properties of the building, especially the water vapor permeability (sd value), are hardly affected and the visual appearance remains the same except for a possible slight color deepening of the construction material surface.

PROCESSING

3CS® ConGuard HYDRO SURFACE CREAM 80 is characterized by a very high concentration of active ingredients and is applied directly without further dilution with water or solvents.

3CS® ConGuard HYDRO SURFACE CREAM 80 can be applied by rolling or brushing. Thanks to its creamy consistency, **3CS® ConGuard HYDRO SURFACE CREAM 80** can be easily applied to vertical surfaces and ceilings without running or dripping. The usual application quantity is approx. $150\text{--}200\text{ g/m}^2$. Depending on the nature and porosity of the building material to be treated, up to 300g/m^2 are possible.

3CS® ConGuard HYDRO SURFACE CREAM 80 penetrates completely into the mineral building material within 30 minutes to a few hours and the cream layer usually disappears without leaving any residue and without deepening the color of the building material surface, provided that the construction material has a minimum absorption capacity. Preliminary tests are recommended.



STORAGE CONDITIONS

Protect the containers from frost and direct sunlight. Maintain a storage temperature between +5 °C and +25 °C. In originally sealed containers and under the specified conditions, **3CS® ConGuard HYDRO SURFACE CREME 80** can be stored for approx. 12 months from the date of delivery. The product can still be used after the specified storage period has expired. In this case, however, we strongly recommend checking the product for possible bacterial and fungal infestation before use.

SPECIAL STORAGE AND USAGE INSTRUCTIONS

- Store the product in a cool and dark place as far as possible.
- To avoid contamination with bacteria and fungal spores from the ambient air, do not open the containers before the product is to be taken and then immediately close them again airtight. Particular care must be taken with plastic lidded drums to ensure that no dirt or dust from the environment falls into the containers when the lid is open. Please close the containers tightly again immediately after taking the product.
- If scooping tools are used, they must be thoroughly cleaned and dried before being immersed in the product.
- Use up the product quickly after opening the container for the first time.

SAFETY INSTRUCTIONS

Please observe the hazard warnings and safety advice on the labels and in the safety data sheets.

TECHNICAL SPECIFICATIONS

COMPOSITION	high viscosity silane/siloxane cream
DENSITY	approx. 0.90 g/cm ³
STATE	creamy-pasty
DOSAGE DEPENDING ON SUBSTRATE AND TYPE OF APPLICATION	150 - 300 g/m ²
COLOR	white

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B313023135667	kg	125 kg drum
B313023135668	kg	50 kg drum
B313023135669	kg	13 kg hobbock
B313023135670	kg	0.54 kg tubular bag

This data sheet, like our other technical information, serves only to describe the nature of this product and the processing and application options. However, it is not intended to guarantee certain product properties or fitness for a specific purpose, and the description does not contain complete instructions for use. As we reserve the right to make changes to our data sheets, it is the customer's responsibility to ensure the availability of the up-to-date data sheet. Current information sheets can be requested at any time from any of our premises. Typos, technical changes and errors excepted. In addition, our general terms and conditions apply.
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