

# HYDROPHOBIZING **CONGUARD HYDRO SURFACE 606**

Surface impregnating agent based on reactive siloxane/silane raw materials



## APPLICATION:

- » Water-repellent pre-treatment of construction materials such as clinker, fiber cement, curbstones etc.
- » Surface impregnation of facades made of bricks, stone and concrete

## ADVANTAGES:

- » Effective protection against driving rain
- » Prevents efflorescence
- » Alkali-resistant
- » Hydrophobic coating with dirt-repellent character
- » Tested according to EN 1504-2:2005 Class I (penetration depth < 10 mm)

## PROPERTIES

**3CS® ConGuard HYDRO SURFACE 606** is a solvent-free emulsion concentrate based on reactive siloxanes/silanes, which is particularly suitable for the hydrophobization of neutral construction materials, natural stone and concrete. **3CS® ConGuard HYDRO SURFACE 606** guarantees long-lasting and reliable protection against water penetration and moisture. In most cases, the visual appearance of the construction material is not affected. However, a slight color deepening may occur on some surfaces, depending on the coloring and material. The physical building properties are not impaired, especially the breathability (sd value) of the construction material is fully retained.

## APPLICATION

**3CS® ConGuard HYDRO SURFACE 606** can be applied to the construction material by spraying, flooding, brushing or rolling. To ensure deep penetration of the hydrophobic agent into the construction material, it must be dry and clean and have sufficient absorbency. A high penetration depth is the prerequisite for long-lasting and reliable hydrophobization of the construction material. We recommend determining the required application quantity by carrying out appropriate preliminary tests with the construction material. **3CS® ConGuard HYDRO SURFACE 606** is less suitable for less-absorbent construction materials such as marble. **3CS® ConGuard HYDRO SURFACE 606** should be homogenized regularly before use.



## STORAGE CONDITIONS

Protect the containers from frost and direct sunlight. Maintain a storage temperature between +5 °C and +30 °C. In originally sealed containers and under the specified conditions, **3CS® ConGuard HYDRO SURFACE 606** can be stored for approx. 9 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.

## TECHNICAL SPECIFICATIONS

<b>COMPOSITION</b>	Hydrophobization based on reactive, organo-modified siloxanes
<b>SOLVENT</b>	solvent-free
<b>APPEARANCE</b>	milky-white liquid
<b>FLASH POINT</b>	n/a
<b>VISCOSITY (AT 20 °C)</b>	< 100 cSt
<b>DENSITY (AT 20 °C)</b>	approx. 0.95 g/ccm
<b>PACKAGING</b>	Plastic can, plastic lidded drum*, IBC
<b>STORAGE</b>	approx. 9 months at 5 °C to 25 °C

Note:

This information is for guidance only and is not intended for the creation of specifications.

## \*PACKAGING AND TRANSPORTATION INSTRUCTIONS

For reasons of transport safety when delivered in plastic lidded drums, observe the following packaging units when ordering.

ARTICLE NUMBER	UNIT	PACKAGING UNIT
<b>B303023132151</b>	kg	1000 kg IBC
<b>B303023132161</b>	kg	200 kg drum
<b>B303023132182</b>	kg	25 kg canister
<b>B303023132185</b>	kg	5 kg canister
<b>B303023132186</b>	kg	1 kg bottle

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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