



# DRI-GARD CP700

## High performance, water-repelling hydrophobic siloxane-based impregnator

One-part water-repelling impregnator for absorbent cementitious substrates. It penetrates into open pores of the substrates and effectively provides water repellence, while still allowing water vapour diffusion in both directions. It can also be used as a colourless protective surface treatment. It may be used on exposed materials such as concrete, cementitious rendering, concrete tiles, fibre cement, brickwork, natural stone, etc. It may be used as a hydrophobic primer under solvent-based or emulsion protective coating. texture of concrete.

### FEATURES/BENEFITS

- Reduction of capillary water absorption
- Reduces efflorescence
- Reduces dirt penetration into the pores
- Improves thermal insulation
- Able to be overcoated with solvent based & dispersion coatings
- Higher durability & resistance compared to conventional silicone-based treatments
- Reduces chloride ion ingress & movement

### APPLICATION AREAS

- Absorbent cementitious substrates
- Concrete
- Cementitious rendering
- Concrete tiles
- Fibre cement
- Brickwork (Clay & lime sand, non-vitrified)
- Natural Stone

### PRODUCT DATA

Appearances / Colours	Colourless liquid
Packaging	20 kg pail
Storage	12 Months from date of production
Storage Condition	Store properly in original, unopened and undamaged sealed packaging in cool and dry conditions at temperatures.

### TECHNICAL DATA

Origin	Silane/Siloxane blend in organic solvent
Density	~ 0.80 kg/l (at 20 °C)
Flash point	~ 36 – 40 °C

## APPLICATION CONDITIONS

<b>Total Consumption</b>	Approx. 0.30 – 0.50 kg/m <sup>2</sup> for normally absorbent substrate. To ensure durability, a minimum of 2 coats must be applied.
<b>Substrate Temperature</b>	5 – 30 °C
<b>Ambient Temperature</b>	5 – 30 °C
<b>Substrate Moisture Content</b>	< 5%
<b>Waiting Time / Overcoating</b>	Can be overcoated with water/solvent based polymer paints – contact the paint manufacturer for details. When overcoating with solvent based coatings, wait at least 5 hours after the hydrophobic impregnation.
<b>Curing Treatment</b>	No special curing required. However, the coating must be protected from rain for at least 1 hour at 20°C (dust dry in 30 minutes at 20°C)
<b>System Structure</b>	1 – 2 x DRI-GARD CP 700

## SUBSTRATE PREPARATION

Cleaning is best achieved by brushing with suitable detergents or by light blast cleaning or steam cleaning, etc. Best results are obtained on dry, very absorbent substrates. The substrate must look dry with no damp patches

## APPLICATION

Dri-Gard CP 700 is applied using low pressure spray, brush or roller, working from bottom up while taking care to not let the product run. Apply subsequent coats “wet on wet”.

## TOOLS

Clean all tools and application equipment with spirit immediately after use. Hardened and/or cured material can only be mechanically removed.

## MIXING

Dri-Gard CP 700 is supplied ready to use and should not be thinned.

## LIMITATIONS

- Minimum age of concrete or mortar must be at least 4 weeks old.
- Cannot be overcoated with limewash or cement paint.
- If there are strict aesthetic requirements (often when used on natural stone), it is recommended to make preliminary tests as on some stones a slight darkening of surfaces may occur.
- Dri-Gard CP 700 is not intended for waterproofing under hydrostatic pressure, in permanent contact with water, or for below grade waterproofing.
- Dri-Gard CP 700 is not intended to seal visible cracks from moisture ingress.
- Building components not to be coated (e.g., aluminium frames, windows, etc.) need to be protected from contact with Dri-Gard CP 700. In case of splashes, clean immediately using an additional solvent if necessary.

## HEALTH & SAFETY

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For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTE

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The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

