

IDROBLOCK

Technical Data Sheet 04/17 en

DEFINITION

Oligomer silane/synergised siloxanes based watery microemulsion.

USE AND PERFORMANCES

IDROBLOCK is a ready to use rapid action depth water repellent. It can be applied on BAKED CLAY, TERRACOTTA, BRICKS, and all absorbent stone materials, cement products and composites. Being a water based product it is ideal for water repellent treatment against rising humidity on floor and covering surfaces indoors and outdoors, also not perfectly dry, where it isn't possible to use solvent based siloxane water repellents. Used as pre-treatment before surfacing, facilitates the successive removal of residues of cement, mortar, and grout used for the laying.

IDROBLOCK contains a mix of high reactivity modified silanes and siloxanes, that, in a few minutes give the material treated a remarkable surface water repellence (pearly effect). The complete depth water repellent action develops over a few days.

IDROBLOCK does not alter the aspect or breathability of the material treated.

General Warning

The surface treatment executed with water- and oil repellent preparations on absorbent stone materials laid as floors outdoors or in scarcely ventilated areas, in particular on Baked clay - Terracotta - Clinker - Stoneware – Sedimentary Stones, realises and maintains over the years its aesthetic and anti-degradation function provided that the same materials are certified FROST-PROOF at the origin and are perfectly laid in the construction complex. In absence of the above-mentioned requirements we recommend consulting our Technical Assistance Service.

USE MODALITY

IDROBLOCK is applied pure on clean, dry or uniformly wet surfaces, with brush, pad, liquid spreader, spreading it uniformly and removing any excess product.

Avoid applying IDROBLOCK at room temperature below 10 °C or on hot surfaces.

It can also be applied spraying, using exclusively sprayers, vaporisers, or manual sprayers, wearing adequate individual protection device (aerosol mask). Do not use compressors.

Wait for the surface to dry completely before applying any protection treatment (PROTECT / BASOIL / UNIX - GEAL) or finishing (WOPLUS -GEAL).

If it is used as pre-treatment before grouting, we recommend repeating product application after acid washing.

Indicative consumption: 1 litre per 5-10 sqm, in function of the material absorption.

We recommend executing a dosage test before the application, since the absorption of IDROBLOCK depends on the characteristics of the substrate.

<p>Chemical-physical properties</p> <p>pH (20 °C): 8.5</p> <p>Specific weight (20 °C): 0.999 Kg/l</p> <p>Aspect: milky liquid</p> <p>Odour: slightly alcoholic</p> <p>Colour: milky white</p> <p>Packaging</p> <p>1 litre polyethylene bottle, box 12 pcs</p> <p>5 litre polyethylene can, box 4 pcs</p> <p>10 litre polyethylene can</p>	<p>Hazardousness</p> <p>Warnings:</p> <p>P102 Keep out of reach of children.</p> <p>P233 Keep container tightly closed.</p> <p>P260 Do not breathe dust / i fumes / gas / mist / i vapours / spray.</p> <p><i>Detailed information is reported in the Safety Data Sheets compliant with Regulation EC 1907/2006 (REACH) and Regulation (EC) 1272/2008 (CLP) and following amendments</i></p>
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Bel Chimica Srl guarantees the performance of the product, that is, that it corresponds to the one declared in the specific technical data sheet and label placed on each container. The guarantee is not extended to the use and application of the product, for which the correspondence of the performance in the use that the purchaser carries out is at exclusive charge and responsibility of this latter. In addition, Bel Chimica Srl shall not be held responsible for facts and events that occur after the use by third parties of the materials treated with the product.