

ICR 17

Technical Data Sheet 03/17 en

DEFINITION

Low molecular weight siloxanes oligomer solution in organic solvent, with high penetration.

USE AND PERFORMANCES

ICR 17 rapidly penetrates in depth and allows contrasting widespread humidity rising on floors and walls, preventing the formation of efflorescences and moulds.

The water-repellent action of the protective siloxanes drastically reduces and in depth the absorption of water of the material treated. The water-repellent effect efficiently contrasts the infiltration of water both in the natural porosity of the material and through the small size holes and cracks due to structural subsidence movements.

It must be applied only on dry materials in indoors and outdoors on Baked clay, Terracotta, Clinker, on all types of Stone and Marble and on all cement products (grit, cement blocks, plasters, etc.). Do not use on gesso surfaces.

Used for pre-treatment before laying, or before the sealing of the gaps of baked clay and stone with high absorption level, it blocks the formation of saline efflorescences, dark spots, and facilitates the washing of the floor after laying. Does not preclude attachment of mortar beds, and plastering and does not block "burn-off".

The water-repellent protection is particularly long lasting; **ICR 17** excellently resists aging, it does not alter, does not yellow over the years with exposure to light. It does not substantially change the colour and aspect of the material and the original permeability to vapour, since it does not create film on the surfaces treated.

ICR 17 can be used also on materials in direct contact with pressurised water, for example in water containment structures (tanks, cisterns, pools, etc.), only on condition that the same structures and covering materials on which the product must be applied are adequately impermeabilized during construction and laying.

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 Service Assistance.

USE MODALITY

Attention: **ICR 17** must be used only on perfectly dry materials; apply pure with brush / fleece applicator / liquid spreader. It can also be applied spraying, using exclusively sprayers, vaporisers, or manual sprayers, wearing adequate individual protection device (aerosol mask). Do not nebulize the product and do not use compressors.




Protect the newly treated surfaces from rain for at least 6 hours. Do not apply **ICR 17** on hot or cold surfaces (over 40°C or below 5°C).

After having applied the sufficient quantity, after 10 minutes remove any excess through dabbing. To ensure maximum water repellent protection, apply two or more coats of the product "wet on wet".

Other treatment products can be applied 1-2 hours after the spreading of **ICR 17** if solvent based products are used; after at least one day if water based products are used.

We recommend executing a dosage test before the application, since the absorption of **ICR 17** depends on the characteristics of the substrate.

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

<p>Chemical-physical properties Specific weight (20 °C): 0.782 Kg/l Aspect: homogeneous liquid Odour: ethereal Colour: colourless</p> <p>Packaging 1 litre metal bottle, box 12 pcs 5 litre metal can, box 4 pcs</p>	<p>Hazardousnes</p> <p>Pictograms:   </p> <p>Warnings: Hazard</p> <p>H226 Flammable liquid and vapour. H304 May be fatal if swallowed or enters airways. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking.</p> <p>P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.</p> <p>Contains: Hydrocarbons C9-11 n- iso- cyclic alkanes < 2%aromatic</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 held responsible for facts and events that occur after the use by third parties of the materials treated with the product.