



ACQUABLOCK®

CONSOLIDATING ANTI-INFILTRATION PROTECTION FOR STONE MATERIALS



User guide

DESCRIPTION:

Protective based on ethyl silicate and siloxane oligomers dispersed in an aliphatic paraffinic solvent.

FIELDS OF APPLICATION:

To carry out the water-repellent anti-infiltration consolidating treatment on floors and coverings in stone material: cotto, stone, marble, concrete, mineral plaster, porcelain tiles and ceramic materials. Ideal for waterproofing the joints in klinker and porcelain tiles floors.

CHARACTERISTICS:

ACQUABLOCK is a water-repellent anti-infiltrating consolidating protective product for stone materials: cotto, stone, marble, cement, mineral plaster, porcelain tiles and ceramic materials.

ACQUABLOCK:

- can be used on both indoor and outdoor surfaces;
- forms an invisible chemical barrier that drastically reduces water absorption capacity;
- consolidates leaks and restores the original cohesion of the materials;
- eliminates water infiltrations from surfaces caused by surface cracks up to 1.5 mm wide and prevents the formation of efflorescence and algae;
- has excellent resistance to aging, foot traffic, and atmospheric agents;
- does no film on the surface and does not alter the appearance of the material. It does not yellow;
- maintains the original permeability to water vapor;
- is ideal for avoiding the dismantling of terraces, bathrooms, and surfaces subject to water infiltration.

INSTRUCTIONS FOR USE:

- The product is used pure on dry, clean, and untreated material;
- It is applied with a brush, soft cloth or fleece wax spreader, uniformly wetting the surface to be treated until its saturation, following its absorption;
- Insist on the joints and cracks;
- After 5-10 minutes, completely remove the non-absorbed product from the material by rubbing the surface with a soft dry cloth or absorbent paper.

Types of application:

- 1 coat on low absorbent stone materials;
- 2 coats on absorbent stone materials. The application of any second coat must be carried out ("wet on wet") as soon as the first is dry on the surface.

ACQUABLOCK dries in 6-8 hours. Protect or avoid that the just-treated surfaces are wet from the rain before 24 hours from the application.

PRECAUTIONS:

- check any slight toning on a sample;
- protect the glass surfaces;
- apply only on perfectly dry surfaces;
- do not apply on very hot surfaces in hours with strong sunlight or windy days;
- in the event of cracks greater than 1.5 mm, it is recommended to grout the floor before applying the product;
- in the case of floors with slopes that are not in a workmanlike manner, where substantial stagnation of water is created, the product cannot solve the structural problems present;
- ACQUABLOCK does not perform film-forming functions of waterproofing sealant. Therefore it cannot be used to waterproof materials subjected to water head > 10 cm (eg. Swimming pools, tubs, etc.);
- the product cannot avoid the degradation (eg flaking, scaling) of materials used improperly outside;
- ACQUABLOCK does not make materials that are not very resistant to the freeze/thaw cycle frost-proof; therefore ensure the suitability of the material for its use outdoors.

NOTES:

Our recommendations are based on current research knowledge and are intended to give the best information to the buyer-user. However, these indications require preliminary examinations and tests to the fields of use, to the types of materials present and to the various conditions of application. The user decides independently on suitability and on the field of use. MARBEC Srl assumes no responsibility for the incorrect use of its products.
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WARNINGS:



WARNINGS: DANGER

Hazard statements: Flammable liquid and vapour. – May be fatal if swallowed and enters airways. – May cause drowsiness or dizziness. – Repeated exposure may cause skin dryness or cracking. – Causes serious eye irritation.

Precautionary statements: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. – Avoid breathing dust/fume/gas/mist/vapours/spray. – Store in a well-ventilated place. Keep the container tightly closed. – Wear protective clothing/ eye protection / face protection. – IF SWALLOWED: Immediately call a POISON CENTER/doctor / ... – IF INHALED: Remove person to fresh air and keep comfortable for breathing. – Do not induce vomiting.

Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics < 2% aromatics, Tetraethylsilicate.

VOC (Directive 2004/42/ EC): Binding primers.

VOC given in g/litre of product in a ready-to-use condition: 650,00. – Limit value: 750,00.

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PACKAGING:

- 1 lt conf. Tin – box of 6 pieces;
- 5 lt conf. Tank – box of 4 pieces.

YIELD:

- on marble, granite, porcelain tiles, and other not very absorbent materials 1lt / 15 – 20 m²;
- on cotto, stone, grit, concrete, and other absorbent materials 1lt / 4 – 8 m².

TECHNICAL DATA:

- Physical state: clear colorless liquid
- Specific weight (g / cm³) at 20 ° C: 0.82
- pH: n.a.
- Flash point (ASTM): 41 ° C
- Solubility in water: not soluble
- Drying time: 6-8 hours depending on the ventilation
- Consolidation time: 24 hours

STORAGE:

Store the product tightly closed and at a temperature between 5 and 30 ° C in a ventilated environment, away from heat sources, and not exposed to sunlight for a long time. If stored at low temperatures (<10 ° C) the product can become dense, but without affecting use or performance. The stored product has a useful life of 5 years.

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CUSTOMER SERVICE