

TECHNICAL DATA SHEET (TDS)

AQ PROOF

ID Product Code 086

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WATER BASED WATER & OIL PROOF

Water based protective agent natural and artificial stones.



Product description:

Clear impregnating agent for protection of buildings and stones against penetration of water, oils, grease and humidity. Optimal performances on polished and unpolished stones, AQ PROOF lets the stone breathe; does not allow the efflorescence to exit from the stone, it penetrates deeply, does not change the original color of the stone; does not make any films but catalyzes into the stone giving a very good protection. Tests carried out in laboratories demonstrate resistance to UV rays. The stone treated does not change its color after long exposure to UV rays. It prevents formation of mildew.

Chemical characteristics:

Appearance	Liquid
Color	Clear yellowish
Odor	Characteristic
Specific gravity at 20° C (68° F)	1,00±0,02
Hydro-solubility	Soluble at every ratio
pH	6,00 ± 0,50
Drying time at 20°C (68° F)	15-30 minutes*
Complete drying time	24 hours*
Complete polymerization time	3 days*
U.V. Resistance:	
Long waves 365 nm	Very good (no changes after 24 hours exposure)
Short waves 254 nm	Very good (no changes after 24 hours exposure)
Shelf life at 20°C (68° F)	24 months in original container

* indicative values, depending on the nature of the material and environmental conditions

Instruction for use

Surface must be clean and dry; stains, mildew, crusting must be scraped off otherwise they will be harder to remove after protection. Application can be done by brush, by roller or by spray gun. It is suggested, when possible, to apply the product by brush because it allows the product to penetrate well into the stone. Application of AQ PROOF by brush, making pressure, will facilitate penetration into frames and cavities. Let the product dry naturally and the stone will be protected. In case of excess of product, the same can be removed using a dry cloth or paper towel soaked with AQ PROOF.

During the application and subsequent drying, the temperature of the substrate should be between 10 and 30°C. In case of application on floor with underfloor heating system turn off heating and allow the stone to cool completely.



DISCLAIMER All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure.



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Application tools



Brush



Roll



Cloth



Mop



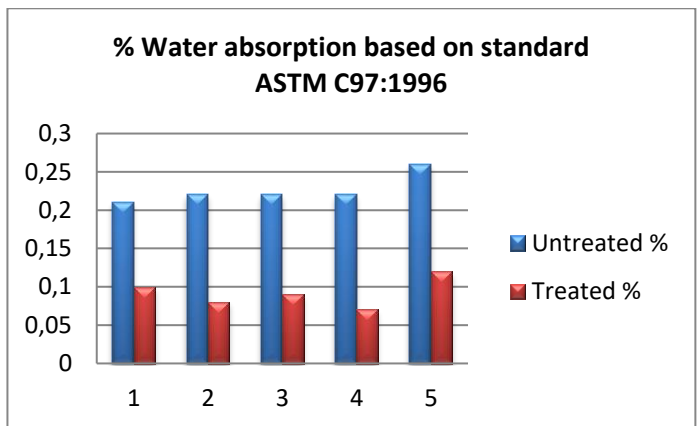
Fleece

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Tests & certifications

Test report based on standard **ASTM C:97:1996** "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone" carried on by an external laboratory on "**Bianco Sardo Granite**".

Granite Bianco Sardo		
Specimen	Untreated %	Treated %
1	0,21	0,10
2	0,22	0,08
3	0,22	0,09
4	0,22	0,07
5	0,26	0,12
6	0,21	0,12
Result	0,223	0,096



The product respect **STANDARD UNI 11322** "Stone floor coverings" Instructions for the design, installation and maintenance, in the chapter relating to the MAINTENANCE.

Environmental information

AQ PROOF complies SCAQMD for V.O.C. Approved LEED IEQ Credit 4.2 – V.O.C. CONTENT: 41,5 g/l

Suggestion for use and recommendations:

- We recommend applying the product until complete saturation of the stone. Taking care to apply it wet on wet, ie without leaving the first coat to dry, but continuing the application.
- Do not dilute the product with water or other solvents because the preparation is ready for use.
- The material to be treated must be completely dry.
- Once treated, the stone must be left to dry for 3 days to complete polymerization.
- In the case of treatments for statues, vases or decorative items, pay close attention to cavities.
- Before use carefully read the recommendations printed on the tin
- Make a test before use



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Application surfaces

Marble, Granite, Limestone, Sandstone, Terrazzo, Cement, Terracotta, Engineered & Artificial stones.

Coverage

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For the protection of polished granite, one liter of product can treat 20 to 30 sqm (210/350 sq.ft.), depending on the absorption and degree of finish of the material. For limestone, sandstone and unpolished marble from 10 to 15 sqm (120/200 sq.ft.)

Maintenance of the treated surface

For proper maintenance of the treatment we recommend to carry out periodic washing with our LEM-3 neutral detergent, diluted with water according to the amount of dirt to be removed, without using abrasive tools. The treatment has a variable duration, depending on weather condition it is exposed to and wear of the material. If necessary, it is possible to reapply AQ PROOF above a previous application.

Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site www.bellinzoni.com

Packing

Item N°	Packing	Pcs	Size and weight packaging	Carton per pallet (sea transport)
086CAQPR001	1,00 lt	12	cm 36x27x26 – kg 14,50	24
086CAQPR005	5,00 lt	4	cm 31x38x28 – kg 22,00	18
086CAQPR025	25,00 lt	1	cm 22x27x45 – kg 26,00	24

The composition of the tins is Polyethylene High Density (HDPE). After use, comply with the local and national regulations currently in force regarding recycling. Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product AQ PROOF is **MADE IN ITALY**.



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