



# BIOFILTRO ALL'ACQUA

Ecological desalination  
solution for dehumidification  
and restoration treatment



konstruktive • **leidenschaft**



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**PRODUCT DESCRIPTION**

**BIOFILTRO ALL'ACQUA** is a water based ecological solution, specific for eliminating superficial efflorescence on fairfaced masonry to limit the deposits of crystalline hygroscopic salts present in masonry subject to capillary rising damp. The aqueous state allows a good penetration of the active substances in the capillarity of walls subject to the phenomenon of rising damp. The product obstructs the formation of salts inside the pores, while maintaining unchanged the diffusion coefficient of vapour of the treated supports. **BIOFILTRO ALL'ACQUA** can be applied by brush or sprayed on internal or external homogeneous walls of brick or stone subject to rising damp.

**COMPOSITION**

**BIOFILTRO ALL'ACQUA** is an aqueous solution based on silanes and siloxanes in watery emulsion.

**MIXING AND APPLICATION**

**DESALINATION SOLUTION**

Remove all old plaster down to the brick or stone to a height no less than 500mm beyond the line of moisture, remove also the first cm of mortar bed if it is inconsistent or degraded.

The surfaces to be treated must be stable, clean, solid, free of weak parts, dust, bacterial proliferation, saline efflorescence, oils, grease, wax, residues of previous work etc. If necessary, perform a preventive cleaning by sandblasting or pressure washing.

During the preparation phase of the supports, the products *Restauration & Green building by Vimark* can be used for restoration and repair.

Blend the **BIOFILTRO ALL'ACQUA** in a bucket agitating by hand the content before use.

With the surfaces prepared and previously wet with clean water, carefully apply over the entire surface to be treated, using a brush or by spraying using at low-pressure a spray machine, a coat of ready to use **BIOFILTRO ALL'ACQUA**, making sure to evenly distribute and soak the entire surface of the support.

Apply the product in two or more consecutive coats, ensuring a correct dosage of treatment for the entire surface. Proceed with the application of a dehumidifying plaster immediately after having applied **BIOFILTRO ALL'ACQUA** with the technique, "fresh on fresh" and in any event no later than 30' minutes after application.

**WATER REPELLENT PROTECTION ON FAIRFACED BRICK WALLS**

Brush and clean surfaces thoroughly to remove all traces of dust, dirt, grease or presence of efflorescence without washing the surfaces. Apply carefully over the entire surface to be covered, by brush or by spraying a coat of **BIOFILTRO ALL'ACQUA**. Used as a water repellent protection, the product revives lightly the colour of the treated surface.

**INDICATIVE AMOUNTS REQUIRED**

0.5-1.0 litres per m<sup>2</sup>, according to the absorption of the support to be treated.

**COLOUR**

White.





**PACKAGING**

Plastic can of 5 litres.  
Plastic can of 10 litres.

**STORAGE**

12 months in original intact packaging and stored in a dry place.

**RECOMMENDATIONS**

Do not apply in temperatures inferior of + 10°C of above + 35°C, in the presence of strong wind, rain or in direct sunlight.

Do not apply the product to degraded or crumbling substrates.

Wet the supports abundantly before applying **BIOFILTRO ALL'ACQUA** to the dehumidification sanitation system.

If used as protection for fairfaced masonry apply to a previously wet surface.

The product is not suitable for natural stone with a compact crystalline structure or that is little absorbent.

Do not apply on non-absorbent supports, metal, glass or wood.

**PRODUCT DATA**

|                         |   |
|-------------------------|---|
| <i>Appearance</i>       | liquid                                    |
| <i>Colour</i>           | off-white                                 |
| <i>Chemical nature</i>  | aqueous emulsion of silanes and siloxanes |
| <i>Specific weight</i>  | 0,99 g/l                                  |
| <i>Active substance</i> | > 5%                                      |
| <i>pH</i>               | 8   |

**APPLICATION DATA**

|  |               |
|--|---------------|
| <i>Minimum application temperature</i>                   | + 10 °C       |
| <i>Maximum application temperature</i>                   | + 35 °C       |
| <i>Wait time for application of dehumidifying system</i> | < 30' minutes |

**REMARKS**

**Product for professional use.** The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).

