

*Protective*

## BS H2O

**Back treatment against rising damp for natural stone and absorbent materials.**

**BS H2O** is a special water-repellent emulsion made with reactive resins dissolved in water. The special product formulation, specifically developed to be applied on the underside of tiles and slabs for flooring (back treatment), creates a hardy protective membrane with particular and unique chemical and mechanical characteristics that prevent damp from rising through the capillaries in the material, without however, affecting its original breathability and at the same time, increasing the adherence between the treated material and the adhesives used to install it.

**BS H2O** is used as a back treatment before installing any of those materials subject to rising damp and all of the problems linked to this: the appearance of salts and efflorescence, oxidation reactions and the resulting appearance of rust and stains, exfoliation and surface flaking of sections of material. **BS H2O** is always used in combination with a Faber pre-installation protector, applied to 5 sides (top+edge) to ensure maximum protection and perfect adherence with any type of bonding agent.

**BS H2O** can also be used as a bonding additive together with cement-based products to create mortar with the best possible chemical and mechanical resistance and adherence, even to old surfaces in bad condition.

### CHARACTERISTICS AND BENEFITS

- ✓ **Water-based product**
- ✓ **Specific back treatment solution**
- ✓ **Protects material from rising damp**
- ✓ **Prevents the formation of salts and efflorescence**
- ✓ **Prevents oxidation reactions**
- ✓ **Ensures optimum adherence between adhesives and the treated surface**
- ✓ **Ideal as an additive for cement mortar**
- ✓ **Blocks rising damp but allows vapour breathability**

### USES

This product **can be used** on both indoor and outdoor surfaces.

**Suitable** for use on: Marble-cement agglomerate, Slate, Sandstone, Basaltina - Lava stone, Cementina, Granite, Limestone, Marble, Quarzite, Travertine

### COVERAGE

10/15 m<sup>2</sup>/l

### APPLICATION EQUIPMENT

Brush, Lambswool applicator, roller, airless



LINEA  
PROFESSIONALE

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### APPLICATION STEPS

#### *Preparing and cleaning the surface*

1. Carefully clean the surface, making sure to remove any dust or dirt present.
2. Never apply BS H2O to wet surfaces. The product can be used on slightly damp surfaces; nonetheless, please ensure that the surface to be treated is as dry as possible.
3. Apply BS H2O to surfaces with a temperature of between +5 and +40°C

#### *Application as back treatment*

This operation is generally carried out in the factory or on site, including a short period from material installation. Usually, material for laying is treated during the "dry laying" stage, which is frequently used as it allows the position of each single piece to be assessed. Alternatively, we recommend laying out the material on a clean, dry area that is large enough to treat the natural stone slabs or tiles.

The natural stone pre-treatment stage using Faber Chimica solutions starts from the upper surface of the material (*top*) and then the sides (*edges*), followed, after the product used for the top and sides has dried, with the under-face, which will be in contact with the glue (*bottom*), where BS H2O will be applied.

4 After treating the 5 sides (top+edge) with the best possible product for the type of material, and after turning over the dry tile/slab, apply a layer of BS H2O to the underface, taking care to cover the whole surface.

#### *Drying time for pre-installation (back) treatment.*

Wait around 15-30 minutes for the product to dry before handling the material: it is necessary to wait at least 24 hours before installation.

### INSTRUCTIONS AND GUIDELINES

- This is a ready-to-use product and does not need to be diluted.
- Never apply the product to a wet surface
- Do not apply the product to overly heated surfaces
- Apply the product to surfaces with a temperature of between +5 and +40°C
- Before applying the product to the whole surface, it is advisable to test a small, unexposed area or unused piece to check its suitability for use.
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### EQUIPMENT CLEANING

At the end of application, the equipment used can be washed using water.

### SAFETY

When applying the product, always use suitable personal protective equipment and follow the instructions on the product safety data sheet with care.



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### PHYSICAL AND TECHNICAL INFORMATION

Aspect	: Liquid
Color	: White
Odor	: Typical
pH (5% solution)	: $9.5 \pm 0.5$
Specific gravity (20°C)	: $1020 \pm 10$ g/lt.

### STORAGE

Keep the container tightly closed and store in a cool, dry place.

### SHELF LIFE

36 months in the original, sealed packaging, stored in a cool, dry place.

### PACKAGING

- 1 l bottles - 12 bottles per box
- 5 l cans – 4 cans per box



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This technical data sheet supersedes all previous versions. Always refer to the latest version of the data sheet, available on [www.fabersurfacecare.com](http://www.fabersurfacecare.com) site. Faber Chimica reserves the right to update and / or modify the data and information contained in the data sheet.

*The information in this data sheet is based on our wide experience in technical and operational research. In any case you should always make a preliminary test to verify the suitability of the product for the intended use and the type of material on which it will be applied. The information and the suggestions can't be construed as a commitment or result in our responsibility as the conditions and method of use of the product cannot be controlled by us. Therefore Faber Chimica Srl disclaims any liability with regard to the use of such data and suggestions.*

