

Water repellent, passable and invisible resin, solvent based

DESCRIPTION

Hidromax S is a high performance water repellent, based on silane / siloxane, diluted in organic solvents, very useful as a water repellent for all types of applications on mineral supports and high alkalinity. Protects against fungus and mold.

APPLICATION

HIDROMAX S is well suited to provide water repellency to absorbent, porous or mineral construction materials, such as:

- Brick
- Artificial stone or based on natural minerals.
- Ventilated concrete
- Clay / baked clay
- Fiber cement
- Mineral paints
- Concrete of multiple natures
- Mineral plasters

HIDROMAX S is also a suitable "primer" product for exterior paints.

HIDROMAX S is not appropriate to its hydro repellency to gypsum materials.

PROPERTIES

- Excellent depth penetration
- High resistance to alkalis
- Dried without residual tack
- Effective even on wet substrates
- Water repellency develops very quickly

After application, HIDROMAX S reacts with atmospheric humidity and that which might be occluded in the support, generating reactive ingredients and releasing alcohol. This active ingredient greatly reduces the absorption of water in the support. Since neither the pores nor the capillary is blocked, the supports retain a high degree of water vapor permeability.

PROCESSABILITY

Saturation, ideally without pressure, is the best technique to apply HIDROMAX S. It is recommended to apply different coats (wet on wet) until full saturation of the substrate is achieved. Generally 2 applications are sufficient on most substrates. A lot of time should not be allowed between layers. It is convenient to apply the following coat of product when the previous one is already absorbed and no longer glows. The support should not have excessively damp or wet spots (it should appear as dry as possible). The amount of HIDROMAX S required depends on the absorption of the support and the effectiveness of the impregnation should be determined on site, carrying out a small sample prior to application. Before applying HIDROMAX S, it is very important to make sure to cover windows and other non-absorbent surfaces, since the high reactivity of the product makes its removal very difficult or almost impossible after a few hours. Product stains on window frames should be cleaned using solvent if necessary.

TECHNICAL DATA

PRODUCT INFORMATION BEFORE APPLICATION	
Packaging	20 kg
Flash point	45° C (ASTM D 93)
Appearance	Colourless
VOC	3%
Density	0,87 g/cm ³ (25°C)
Viscosity	10 mm ² /s (25°C)
Storage and expiration	HIDROMAX S can be stored in its original packaging (provided it is closed) at a temperature between + 2°C and + 30°C, up to 6 months after the date of manufacture. It's necessary to follow the storage instructions indicated on the packaging, as well as the expiration date

GUIDANCE CONSUMPTIONS

Support	Quantity (l/m ²)
Concrete	0.25 – 0.5
Monolayer	0.5 – 1.0
Lime brick	0.4 – 0.7
Bricks	0.4 – 2.0
Ventilated concrete	0.5 – 2.0
Fiber cement panel	0.1 – 0.3
Natural stone	0.05 – 3.0

OTHER INFORMATION

The information contained in this TECHNICAL SHEET, as well as our advice, both written and provided verbally or through tests, are given in good faith based on our experience and the results obtained through tests carried out by independent laboratories, and without serving as guarantee for the applicator, who should take them as merely indicative references and with strictly informative value. We recommend studying this information in depth before proceeding to the use and application of any of these products, although it is especially convenient to carry out tests "in situ" to determine the suitability of a treatment in place, with the purpose and conditions concrete that occur in each case. Our recommendations do not exempt from the obligation that the applicator has to know in depth, the correct method of application of these systems before proceeding to their use, as well as to carry out any previous tests that are appropriate if there is doubt as to their suitability for any work, installation or repair, taking into account the specific circumstances in which will be used the product. The application, use and processing of our products are beyond our control and, therefore, under the sole responsibility of the installer. Consequently, the applicator will be solely and exclusively responsible for the damages that derive from the total or partial non-observance of the use and installation manual and, in general, from the inappropriate use or application of these products.

This data sheet cancels previous versions.