



TECHNICAL INFORMATION

CAPILLARITY STOP



DESCRIPTION:

Liquid solution for injecting in humidity by Capillarity.

Product for injections in walls with humidity by capillary. Mico-emulsion for injection of walls against moisture by capillarity. It creates a horizontal barrier. Resistant to moisture.

Features:

This is a dilution water based that forms micro-emulsions. These micro-emulsions penetrate the capillaries of the wall, waterproofing it without sealing. There is no salt or salt formation due to the action of the product. There is no risk of new secondary capillaries after treatment. The product is free of solvents; therefore it does not contribute any dangerous substance to the treated substrate.

As a result, humidity can no longer climb the capillaries and the treated wall is completely waterproofed.

-) Permeable to water vapor, allows the support to perspire. It does not seal the pores.
-) Applicable on walls of great thickness and high moisture content.
-) Great power of penetration and dispersion in wet supports.
-) It does not generate salts or efflorescence; it does not alter the finish of the treated support.
-) Reduces application costs compared to other conventional systems and does not require maintenance.
-) Environmentally friendly. It does not contain organic solvents, it is not toxic or corrosive, it improves the conditions in the workplace of operators and tenants.
-) Easy cleaning.
-) The product is not suitable for waterproofing against pressurized water.

Highly recommended as transparent waterproofing liquid for protecting exterior surfaces, reducing in a durable way the penetration of water no modifying the original aspect of the support. Can be apply over concrete, mortar, brick, natural stone, fibre cement, etc.

TECHNICAL DATA:

Colour	Transparent.	
Solubility	Water dilutable.	
Specific weight	0.90 – 1.00 kg/l (23 ± 2 °C)	UNE-EN ISO 2811-1
Solvent	-	
Theoretical spreading rate	In a 20 cm wide wall, 5-15 l of the mixture can be spent per linear meter (treatment area ~ 50 cm in height), depending on the porosity of the substrate.	

EU limit value for this product (cat. A/h): 30 g/l (2010). Max. content VOC: 0 g/l

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APPLICATION:

It is used to hydrophorate by injection, with or without pressure, wet walls in which the water rises by capillarity from below.

Suitable for walls that contain a relative humidity up to 90% and for walls of brick, concrete, cement, sandstone, mortar or absorbent natural stone.

It is also used as transparent waterproofing liquid for protecting exterior surfaces, reducing in a durable way the penetration of water no modifying the original aspect of the support. Can be apply over concrete, mortar, brick, natural stone, fibre cement, etc. Reduce algae, fungus and efflorescence formation.

INSTRUCTIONS FOR USE:

Dilution ratio 1:9 with water.

It can be injected through injection holes with / without pressure or in hollow blocks.

The method of injection with pressure is essential for walls with levels over 50% of relative humidity.

Because of its composition, any grout or plaster will stick very badly on a surface stained with product.

If this case has occurred, first apply a rough grout, prepared with mortar glue before re-enfolding or specific bonding bridges.

To apply the product, proceed to make holes with a drill. The holes should be made in line with a spacing of 10-12 cm between them, depending on the absorption of the support.

The drills must be made starting from the mortar joint with an inclination downwards from 30 to 45° in the case of injection by gravity and from 15 to 30° for injection under pressure.

The greater the thickness of the wall, the lower the angle required. Any case, the drill must pass through at least one horizontal row of the mortar joint, since this is where the best dispersion will occur.

The length of the hole must be at least 90% of the total thickness of the wall.

For applications thicker than 1 m, better drill the holes from both sides of the wall.

Clean loose debris and dust from inside of the drills with a compressed air lance before apply this product.

Injection of the micro-emulsion with pressure: This method of application allows the maximum dispersion of resin and ensures the total saturation of the support, being essential when the moisture content in the support is greater than 50 %. The work is done by injecting the liquid with a pressure between 3 and 20 bars through injectors placed in the mouth of the hole. Let it act between 5 and 10 minutes. The pressure

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will vary depending on the resistance of the support, degree of saturation, porosity, etc. It is recommended to apply with a lower pressure but allowing the product to act for a longer time.

Water-repellent to protect exterior walls: Application methods: brush, roller or spray. Employ the product all the surface, dilution ratio 1:9 with water.

PRESENTATION:

Plastic packaging of: 1 L

STORAGE:

12 months in closed original container under roof and temperatures between 5 °C and 35 °C and protected from the weather.

ADDITIONAL INFORMATION:

The information contained in this document serves as a guide for the user but does not constitute a guarantee. For information about safety and the environment, please refer to the Safety Data Sheet.

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