

# IDROWIP

WATER-REPELLENT PROTECTIVE WATER BASED  
FOR STONE ABSORBENT MATERIALS



## DESCRIPTION

Siloxane emulsion.

## FIELDS OF APPLICATION

**For the water-repellent treatment of absorbent stone materials:** cotto, brick, Natural stone with high absorption, cement, Mineral plaster in interior and exterior.

## CHARACTERISTICS

Protective impregnator with exceptional penetration and diffusion capacity within the porosity of absorbent stone materials. It forms a water repellent chemical barrier which:

- **it avoids and contrasts the rising damp (and consequently the formation of salt efflorescence, crusts, patinas, algae, etc.);**
- **blocks and reduces water absorption (ex. rains, water-soluble substances, cement grouts, etc.);**
- **has high chemical inertia and resistance to atmospheric agents;**
- **does not alter the appearance of the material;**
- **does not form superficial films.**

On highly absorbent materials it is recommended to apply the product in the phases prior to laying or grouting the material, in order to protect the surface, facilitate and speed up the subsequent processing steps.

*Water based product without specific danger and toxicity for the user and the environment.*

The protection given to the absorbent material by IDROWIP, applied as instructed, maintains the permeability to the original water vapor (determination according to NORMAL 21/85) reducing it to a value <20% depending on the type of material (non-filmogenic protection with high permeability to vapor).

## INSTRUCTIONS FOR USE

It can also be applied on uniformly damp surfaces.

Shake before using. It can be applied by spray (recommended) or cloth, sponge, fleece to spread wax, rag, evenly wetting the surface to be treated, following the absorption of the material. Redistribute any excesses on the material with a cloth during the drying phase. Normally it dries in 4 - 8 hours depending on the aeration. During the wet and cold season and in closed or poorly ventilated rooms, the drying time can be considerably longer.

**It is applied to saturation of the material:**

**-1 coat:** on medium-low absorption materials;

**-2 coats:** on high absorption materials.

The application of the second coat must be carried out as soon as the first one has been absorbed and without waiting for the surface to dry ("wet on wet").

The other treatment products can be applied, where required (other anti-stain protective products, wax finishers, etc.).

Wash the equipment with water before drying the product.

Avoid that the surfaces just treated are wet from rain before 12 hours.

## LIMITATIONS

**-IDROWIP** does not have a filmogenic function of waterproofing sealant. Therefore, it cannot be used to waterproof the materials subjected to a water head > 10 cm (eg swimming pools, tanks, etc.);

-Do not apply on surfaces that are too hot;

- The product cannot avoid degradation (ex. spalling, scaling, fracturing) of materials used improperly on the outside; therefore, before applying the product, it is advisable to check the laying conditions of the material (ex. substrates without stagnation of humidity, adequate slopes of the surfaces, injuries, expansion joints, etc.).

**-IDROWIP** cannot be used to make materials that are not resistant to the freeze / thaw cycle to become unsuitable; make sure therefore the suitability of the material for its use outside.

## PACKAGING

- 1 Lt Plastic bottle - box 6 pc;
- 5 Lt Plastic can - box 4 pc;
- 20 Lt Plastic can.

## YIELD

Depending on the the absorption of the materials:

- on poorly absorbent material  
1 Lt / 8 - 15 m<sup>2</sup>;
- on very absorbent material  
1 Lt / 4 - 8 m<sup>2</sup>;

## TECHNICAL DATA

Physical state: white liquid.

Specific weight (g / cm<sup>3</sup>): 1.00.

pH: 7-8.

Flame point (ASTM):

not inflammable.

Solubility in water: total

Drying time: 8-12 hours

(in ventilated environments)

Consolidation time: 48 hours.

## STORAGE

Keep the product well closed at temperatures between 0 ° C and + 30 ° C. The product thus conserved has a useful life of 2 years.

## NOTES

Our indications are based on current research knowledge and are intended to give the best indications to the buyer-user. However, these indications require preliminary examinations and tests on the fields of use, the types of materials present and the various application conditions. The user decides independently on the suitability and on the field of use. MARBEC Srl assumes no responsibility for the incorrect use of its products. **Rev2-Ver010218**

## WARNING:

The product is not classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).



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