



# IDROWIP

## PROTECTIVE AGAINST RISING DAMP FOR STONE MATERIALS



### User guide

#### DESCRIPTION:

Water-based siloxane emulsion.

#### FIELDS OF APPLICATION:

For the water-repellent treatment of absorbent stone materials: cotto, brick, highly absorbent natural stone, cement, mineral plaster for interiors and exteriors.

#### CHARACTERISTICS:

**IDROWIP** is a breathable water-repellent protective for absorbent stone materials: cotto, absorbent natural stone, cement, mineral plaster.

#### **IDROWIP:**

- is an odorless water-based product, without danger to the user and the environment;
- forms a consistent breathable water-repellent chemical barrier;
- avoids and contrasts the rising of humidity (and consequently the formation of saline efflorescence, crusts, patinas, algae, etc.);
- drastically reduces the absorption of water in the material (eg rain, water-soluble substances, etc.);
- significantly increases the thermal insulation of the walls by reducing heat loss;
- has a high chemical inertness and resistance to atmospheric agents;
- does not alter the appearance of the material;
- on highly absorbent materials we recommend applying the product in the stages preceding the laying or grouting of the material, in order to protect the surface and facilitate and speed up the subsequent cleaning steps of excess slurry.

In cases of very humid structures and substrates and with the presence of permanent rising damp, the product is not suitable for structural restoration (it does not prevent the formation of saline efflorescence and degradation). Therefore, in such situations, a basic structural renovation is recommended (eg damp barriers and other rehabilitation systems).

#### INSTRUCTIONS FOR USE:

- Shake before the use;
- It can be applied by spray or with a soft cloth, sponge or fleece wax spreader, evenly wetting the surface to be treated, following the absorption of the material;
- After about 20/30 minutes, redistribute any excess on the material with a soft cloth during the drying phase;
- Normally it dries in 4-8 hours depending on the ventilation.

The second coat must be applied as soon as the first has been absorbed and without waiting for it to dry (wet on wet).

It is to apply when the material is saturated:

- 1 coat: on materials with medium absorption;
- 2 coats: on highly absorbent materials.

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

#### PRECAUTIONS:

- IDROWIP does not perform film-forming functions of waterproofing sealant. Therefore it cannot be used to waterproof materials subjected to water head > 10 cm (eg swimming pools, tubs, etc.);
- do not apply on too hot surfaces;
- the product cannot avoid the degradation (eg flaking, peeling, fracturing) of materials used improperly outside; therefore it is advisable, before applying the product, to make sure of the laying conditions of the material (eg substrates without stagnation of humidity, adequate slopes of the surfaces, cracks, expansion joints, etc.);

- IDROWIP cannot be used to make materials that are not very resistant to the freeze/thaw cycle become frost-proof; therefore ensure the suitability of the material for its use outdoors.

#### NOTES:

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

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

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#### PACKAGING:

- 1 lt Plastic bottle 6 pcs box;
- 5 lt Plastic tank 4 pcs box;
- 20 lt plastic tank.

#### YIELD:

Depending on the absorption of the materials:

- on low 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: 8.
- Flash point (ASTM): not flammable.
- Solubility in water: soluble in water
- Drying time: 8-12 hours (in ventilated areas)
- Consolidation time: 48 hours.

#### STORAGE:

Keep the product tightly closed at temperatures between 0°C and + 30°C and not exposed to sunlight for a long time. The stored product has a useful life of 2 years.

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