



# TIM®

## WATER-REPELLENT, ANTI-STAIN PROTECTIVE PRODUCT FOR STONE MATERIALS



### User guide

#### DESCRIPTION:

Siloxane emulsion.

#### FIELDS OF APPLICATION:

For the anti-humidity and anti-stain treatment of absorbent stone materials: cotto, brick, highly absorbent natural stone, cement, and mineral plaster for indoors and outdoors.

#### CHARACTERISTICS:

**TIM** is a protective agent for the water-repellent and anti-stain treatment for absorbent stone materials: cotto, absorbent natural stone, cement, mineral plaster.

#### **TIM:**

- is a water-based product, odorless, non-dangerous and easy to use;
- can be applied on both internal and external surfaces;
- is a protective product that is normally used as a base for wax treatments;
- eliminates or drastically reduces the absorption of water and liquids, fatty substances and oils in the material and counteracts the formation of saline efflorescence, scabs, patinas, algae, etc.);
- has a high chemical inertness and resistance to atmospheric agents and trampling;
- does not create films on the surface and does not alter the appearance of the material;
- maintains the original permeability to water vapor, breathable.

We recommend, on highly absorbent materials, the application of the TIM product (diluted 50% in water) in the phases preceding the laying or grouting of the material, in order to protect the absorbent material, facilitate and speed up the subsequent laying phases, and cleaning.

#### INSTRUCTIONS FOR USE:

Apply on clean, dry, untreated absorbent surfaces.

- Shake before using;
- It can be applied by distributing the product evenly with a brush, microfiber cloth, sponge or fleece spreader, evenly wetting the surface to be treated and following the absorption of the material;
- In the case of poorly absorbent materials, it is advisable to redistribute any excess product on the material on the surface during the drying phase;
- In the case of very absorbent materials, the application of a possible second coat must be carried out as soon as the first one has been absorbed and without waiting for it to dry (wet on wet);

It normally dries in 8-12 hours depending on the ventilation.

Avoid that the surfaces just treated are wet from rain for about 12 hours or more.

It is applied as the material is saturated:

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

#### PRECAUTIONS:

- TIM 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;
- avoid that the surfaces just treated are wet from rain for about 12 hours or more;
- the product cannot avoid the degradation (eg flaking, flaking, 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.);
- TIM 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 to the fields of use, to the types of materials present and to 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 box 6 pcs;
- 5 lt Plastic tank box 4 pcs;
- 20 l plastic tank.

#### YIELD:

Depending on the absorption of the materials.

- on low absorbent material 1 lt / 8 – 12 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
- Flashpoint (ASTM): not flammable
- Solubility in water: miscible 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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