

## MOSHE 3000 ANTI-EFFLORESCENCE

**Nano-blocker additive added to mortar to mitigate the manifestation of efflorescence in cementitious coatings**

### ► Description

MOSHE 3000 ANTI-EFFLORESCENCE is a powdered additive added to the mortar mixture to mitigate the possibility of efflorescence manifestation in cementitious coatings. The action of the additive occurs basically by the capillary nano-blocking of the cementitious layer after its curing, avoiding the percolation of water and solubilization of soluble salts precursors of efflorescence.

### ► Areas of application

Subfloor mortars, plaster mortars, pool cladding mortars, adhesive mortars and cementitious grout mortars.

### ► Advantages

- Prevents water percolation through the cementitious layer;
- Prevents the solubilization of soluble salts present in cementitious mortars;
- Prevents the formation of efflorescence;
- Ease of mixing in mortar;
- It does not change the color of the cementitious coating layer;
- Enhancement of the durability of the cementitious coating;
- High hydrophobic power.

Warranty of 10 years, except for physical or structural changes in the applied site such as, but not exclusively, cracks, poor homogenization, uncontrolled or inappropriate traces, provided that the method of application and consumption recommended below are met.

### ► Technical Data

Characteristics	
Density	0,600 – 0,950 g/cm <sup>3</sup>
Aspect	Fine powder
Color	Gray
Product Data	
Product Type	Mineral compounds and special additives
Packaging	Store in a dry and ventilated place, protected from the sun, in the original unopened packaging
Shelf Life	2 years from the date of manufacture, provided that the storage recommendations below are met.
Packing	Boxes of 10 kg, containing 10 units of 01 kg

### ► Application Method

For mortars dosed in the mortar, add the additive together with the cement in the mortar and mix until homogenization of the mortar.

For bagged mortars, add the additive along with the contents of the bag and mix as recommended by the bagged mortar manufacturer.

**Cure Time:**

Varies by application. Total cure 28 days.

**► Consumption**

For mortars dosed in the construction site, add 2% of additive in relation to the cement mass. For each 50Kg bag of cement, add 1kg of additive, according to the 1:4 trace of Cement sand, with 2% of MOSHE 3000 ANTI-BLOOM, that is, 2 cans of cement, 8 cans of natural sand, 1 Kg of MOSHE 3000 ANTIFLORESCENCE and 1 can of water, with a minimum thickness of 3 cm of the plaster for the wall or 6 cm for regularization of the floor with a 3% drop.

For bagged mortars, add 1% additive to the mass of the mortar bag. For each 50Kg mortar bag, add 0.5kg of additive.

For adhesive mortars and cementitious grout mortars, consult the Technical Department.

**► Personal Protective Equipment**

Wear a personal protective mask (ABEK or ABEK-P2 gas filter are recommended), nitrile or butyl rubber gloves, goggles or face shield, waterproof protective clothing (gloves and aprons) and protective boots.

**► Cautions in the application**

As it is a loose powdered product, it may generate dust. Any symptoms of allergy, skin irritation or eye contact, seek medical attention immediately. Do not reuse the packaging for food purposes. Do not smoke while handling the product. Care should be taken with open packages in the presence of children, whether or not they have product inside. Do not allow the product to reach rainwater networks, sewage networks or soil. Dispose of the empty packaging correctly.

**► Observations**

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Produced by MOSHE MATERIAIS DE CONSTRUÇÃO LTDA EPP

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The information contained in this document is based on our knowledge for your help and guidance. We emphasize that the performance of the products depends on the conditions of surface preparation, application and storage, which are not under the responsibility of Moshe 3000. The yield depends on the application technique, the conditions of the equipment and the substrate. Therefore, we do not assume any responsibility for performance and performance of any kind as a result of the improper use of the product and misapplication. This product requires skilled labor for application. For more information, please consult the technical department.