

## MOSHE 3000 H2OFF

Liquid water repellent for mortar.

### ► Description

MOSHE 3000 H2OFF is a water-resistant additive to be added to mortar or concrete. It must be used in concentrated form as a mixture for the complete waterproofing of mortar and concrete. It is a liquid product, which effectively extends the useful life of cement structures by inhibiting the so-called RAA (alkali-aggregate reaction).

White/milky liquid water-repellent that does not alter the appearance of the surface where it is mixed. It offers excellent protection against water, preventing infiltration, moisture or corrosion after application.

### ► Areas of application

Used as integral water repellent for mortar and concrete. It can also be added to the mortar through the kneading water.

### ► Advantages

Highly water-resistant;  
 Maintains the natural appearance;  
 Allows the substrate to breathe;  
 It does not affect the adhesion of the substrate;  
 Product does not interfere with the curing time of the concrete;  
 Effective increase of the service life of the concrete substrate;  
 Inhibits the Alkali-Aggregate Reaction (main mechanism of concrete degradation).  
 5-year warranty according to performance reports proven by third-party laboratories, except for design flaws, structural failures or misuse of the material, as long as the application method below is met.

### ► Technical Data

Characteristics	
Density	1,0 g/cm <sup>3</sup> (20°C)
Soluble in water	Yes
PH	6 - 8
Material properties	
Product type	Compound of modified silanes and polyssiloxanes and additives
Aspect	Liquid
Color	White / milky
Storage	Store in a dry, ventilated place, protected from the sun, avoiding temperatures below 5°C and above 30° C.

<b>Shelf life</b>	Shelf life of the packaged product, 1 year from the date of manufacture, as long as the storage recommendations below are met.
<b>Packaging</b>	1L and 5L Bottles
<b>Odor</b>	Característico

#### ▶ Application Method

Add 01 liter of the product to the kneading water, or directly to the fresh concrete mass, taking care to homogenize long enough for the product to be fully dispersed. Work with the dough as normal.

#### **Curing Time:**

Varies by application. Total curing 28 days.

#### ▶ Yield

01 Liter of product for every 50 kg of cement or 1 Liter for 450 Liters of putty (mortar).

#### ▶ Personal Protective Equipment

Wear a personal protective mask (ABEK or ABEK-P2 gas filter are recommended), nitrile or butyl rubber gloves, goggles or face protection, waterproof protective clothing (gloves and aprons) and protective boots. Any symptoms of allergy, skin irritation or eye contact, seek medical attention immediately.

Do not reuse the packaging for food purposes, and 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 water, sewage or soil.

#### ▶ Transportation Limitations

Maximum stacking of 3 buckets of 1, 5, 10 or 20 Lts and 2 buckets of 50 Lts.

#### ▶ Storage

Store in covered places, protecting the buckets from rain and sun, keep the containers tightly closed and protected from damage.

#### ▶ Important

In the case of very low temperatures, the product may freeze as it is water-based.

#### ▶ Cautions in the application

Homogenize the product well before use.

#### ▶ Observations

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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.