

# **BILIZO® SEAL HARD**

## **Water- Based, Water Repellent Insulation Material**

### **Product Description**

Silane-siloxane based, confers water repellent by impregnating the surfaces of structural members, transparent material.

### **Areas of use**

- Exterior coating
- In vertical surfaces
- Concrete, marble , granite, slate or as little on absorbent surfaces
- Brick, colored brick, aerated concrete, travertine, on absorbent surfaces, such as limestone,
- protection against atmospheric effects used in historical monuments.

### **Type of packaging**

BILIZO® SEAL HARD is packaged in the form of 10 lt. tins.

### **Usage**

Dependig on the labour and surface condition, the consumption is 150-200 gr/m<sup>2</sup>.

### **Advantages**

- High penetration ability, colorless, transparent, impregnated material
- Provides protection without changing the appearance the exterior coating and film forming layer
- Reduces the negative impact of the atmosphere making them impervious surfaces of structural elements
- Alkaline and UV rays resistant
- Water-based and vapor permeable..
- By keeping the dry of structural elements, reduces heat loss and heating costs.

### **Technical data**

<b>Color</b>	White liquid
<b>Density (kg/lt)</b>	10± 0,1
<b>Drying time</b>	45 – 60 min.
<b>Service Temperature</b>	( -25°C ) - ( +80°C )
<b>Cleaning time</b>	20 <sup>0</sup> C- 1 h

**NOTE: The above values is provided for relative humidity environment at +20 ° C and 50%. Higher temperatures reduce the time, low temperature increases the time.**

## Application

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Surfaces must be clean, smooth and durable, all kind of dust, grease, dirt, rust, mold oil, prevent adhesion of substances such as detergents and waste should be cleaned. Concrete segregation (segregation) should be discarded if there are damaged and loose, weak parts must be removed. If there cracks and cavities on the floor or Wall, it should be repaired with appropriate repair mortar. BILIZO® SEAL HARD application should be started after 3-4 days. It is ready for applying, absolutely no water should be added. The surface to be applied must be dry.

**Applied to the surface:** Should be applied to the dry surface with brush, roller or spray machine for maximum penetration on the first coat. Approximately 4 hours later, a second coat should be taken. To provide maximum protection, very porous surfaces may be necessary to apply more than one coat.

**Cleaning:** After the application should be protected from direct sunlight, strong wind, high air temperature (+35 ° C or more) adverse weather conditions such as rain and frost. Before the product is fully cured and hardening taking, hands should be cleaned with water and detergent.

**Cleaning of equipment:** Immediately after application, yet hardening, equipment should be cleaned with cellulose thinners. After curing of the product should be cleaned by mechanical means.

## Storage Conditions

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Unopened and undamaged original packaging is 12 months from date of manufacture.

## Safety Information

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Users must consult the chemical product's material safety data sheets (MSDS) for safe handling, storage and disposal information and recommendations for physical, ecological, toxicological and containing other safety-related data .