

# **BILIZO**® **SEAL 606**

## **Cement Based, Two Component, Elastic Waterproofing Material**

### **Product Description**

BILIZO® SEAL 606 ; is elastic waterproofing material that is designed for all kind of cement and polymer dispersion based concrete surfaces and cement based liquids.

### **Uses**

- Waterproofing of indoor and outdoor
- Waterproofing of water tanks ( on condition that the surface of this material must be protected)
- Waterproofing of Olympic Swimming Pools and Thermal Pools
- Waterproofing of Chill Store (on walls and on floors)
- Waterproofing of wet areas (Kitchen , bathroom etc.)
- On Terraces (on condition that the surface of this material must be coated.)
- Waterproofing of foundation and sustaining wall
- Waterproofing of flower plantation

### **Packaging**

30 kg set of BILIZO® SEAL 606 consist of Component A in reinforced polyethylene paper bag net 20 kg and Component B in plastic drum net 10 kg.

### **Consumption**

BILIZO® SEAL 606 must be applied 1,20kg/m<sup>2</sup> as the first layer, 1 kg / m<sup>2</sup> as the second layer, 1 kg/ m<sup>2</sup> as the third layer.

Depending on the system solutions, the usage and amount may change.

### **Advantages**

- It is elastic and watertight,
- It can be easy prepared and applied,
- It can be applied with roller or spraying machine,
- By its high adhesion performance and flexibility, it forms a waterproof layer under screed and ceramics.
- It forms jointless, permanent waterproofing coating.
- It has resistant to chemicals and salt solution in soil.
- Provides water vapor permeability.
- High durability
- It is used on the areas that affected from movement and vibration.
- Resistant to frost.

### **Technical Data**

<b>BILIZO® SEAL 606 Komponent A:</b>	Special Cement, Mineral Fillers, Polymer
<b>BILIZO® SEAL 606 Komponent B:</b>	Liquid Polymer Dispersion
<b>Colour:</b>	Greenish- Gray
<b>Adhesion Strength:</b>	1,0 N/mm <sup>2</sup>
<b>Resistance to Water Pressure :</b>	7 bar (positive)
<b>Surface Temperature:</b>	+8°C -+30°C
<b>Ambient Temperature</b>	+8°C -+30°C
<b>Service Temperature:</b>	-20°C -+80°C
<b>Relative air Humidity:</b>	Max %70-80
<b>Dew Point:</b>	Pay attention to the dew point! Dew point must be at least +3 °C in order to reduce the risk of condensation and blooming in finished surface and uncured coating surface temperature.
<b>Pot Life of Fresh Mixture:</b>	2 hours
<b>Ready to use (Mechanical Strength):</b>	2days
<b>Ready to use (Waterproof) :</b>	7days
<b>Coating (Liquid and Ceramic):</b>	3 days
<b>Wait Time Between Coats</b>	+ 10°C 12-15 hours + 20°C 6-8 hours + 30°C 3-5 hours

**PS:** The informations above are given according to +23 °C and 50% humidity. High temperatures shorten the curing time and low temperatures increase the curing time.

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## **Application**

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### **Surface Preparation**

Surface should be dry, clean, free of any defects and load-tolerant. Any oil, wax, grease, water repellent, easily detachable and loose parts and dust on the surface which may impair adhesion force should be cleaned off and removed by floor planer. Iron and wooden wedges must be removed from the surface. Any water leakages, non-uniform surface and corner edges must be repaired with suitable prepare mortar, minimum radius of 4 cm.

Before application, surface should be wetted (not allowed to be pond). If the Coating Material loses its water immediately and gets matt that shows the surface does not get wet sufficiently or dry fastly. At such as hot weathers or in case of material is exposed to wind; water added up to 10% of B Component to the mixture prepared for first layer.

### **Strenght**

Product strength is 1 year from date of production at proper storage conditions. Opened packages should be tightly closed and kept under appropriate storage conditions.

### **Mixing Procedure**

B component of BILIZO<sup>®</sup> SEAL 606 stills in to a clean mixing container. While A component is added slowly, mixture should be mixed with 400-600 rev/min mixing drill. Components A and B should be stirred for minimum 3 minutes until you have a homogenous mixture and should be allowed to rest for 2 minutes. Then stir again for 1 min. to make the mixture ready to use.

20 kg dust A Component mix with 10kg liquid Component B.

Density of Mixture: 1,7 kg/ltr

### **Surface Application**

Apply BILIZO<sup>®</sup> SEAL 606 mixture in two or three layer with brush. Direction of brush application should be perpendicular to each other. Waiting time between coatings depends on conditions.

**WARNING:** After 36-48 hours the material is applied, air temperature should be above 8°C, it should not be rainy or snowy and should be applied with considering the possibility of raining.

## **Storage**

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Store the product in a cool and dry place.

Short-term storing ; max. 3 pallets should be superposed.

Long-term storing ; pallets should not be superposed.

## **Safety Measures**

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Application areas should be ventillated. Hands and eyes must be protected with gloves and protective glasses. Case of eye or skin contact, rinse with plenty of water for the material and consult a doctor immediately. Adequate ventilation is required during the application. Keep away from children

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