



## **AKFIX EM600 WATERGUARD ACRYLIC WATERPROOFING MEMBRANE**

### **1 – DESCRIPTION**

**Akfix EM600 Waterguard** Acrylic Waterproofing Membrane is a one component, water based, acrylic copolymer based elastic waterproofing membrane.

### **2 – PROPERTIES**

- Ready to use
- Can be easily applied with airless spray gun, roller or brush
- Low labor cost
- Does not contain solvent, can be diluted with water
- Water vapor permeable
- Resistant to UV
- Maintains elasticity even at low temperatures
- Over paintable
- High opacity
- Can be colored with water based color pastes
- Seamless application

### **3 – APPLICATION AREAS**

Waterproofing of;

- Balconies, terraces and roofs
- Facades
- Wooden surfaces
- Asphalt and bitumen floorings
- Roofing details such as gutters, chimney edges etc.

### **4 – INSTRUCTIONS**

Ensure that the surfaces to be waterproofed are clean, dry and free from grease. On porous surfaces such as concrete, cement and plaster a primer (mixture of 4-5 parts one part acrylic waterproofing membrane and 1-2 parts of water) can be applied. It is recommended to apply anti-corrosive primers for metal surfaces. Apply non-diluted Acrylic waterproofing membrane on the surface by using airless spray gun, roller or brush only in a single direction. Wait sufficient amount of time to allow the first layer to dry. Then apply next layer in the opposite direction. The optimum layer thickness is approx. 1 mm. Apply minimum 2 layers. It is recommended to use reinforcing textiles for connection lines or surfaces with cracks.



## 5- STORAGE AND SHELF LIFE

12 months if stored properly in its original package between +5 °C and 25 °C in a dry environment and protected from direct sunlight.

## 6- RESTRICTIONS

- It should not be applied in case of risk of rain or frost.
- Prevent applied waterproofing layer from rain or frost for at least 24 hours
- Not suitable for pressurized water
- Not recommended for pedestrian or vehicle traffic. In such a case, the surface of waterproofing layers should be covered with suitable elements such as tiles or protective surface covering materials.

## 7- SAFETY & DISPOSAL

Check MSDS guidelines for disposal and further information concerning safety.

## 8- TECHNICAL FEATURES

<b>Chemical Basis</b>	: Acrylic copolymer
<b>Solid Content</b>	: %70-80
<b>Density</b>	: 1,37 ± 0,03 g / ml
<b>Consistency / Color</b>	: Liquid / White
<b>Viscosity</b>	: 50.000 ±5000 (Spindle No:6, 12rpm, 20°C)
<b>Dry Time for Next Layer Application</b>	: 4-5 hours (23°C, %50 R.H.)
<b>Service Time</b>	: 48 hours (23°C, %50 R.H.)
<b>Consumption</b>	: Horizontally 1,0-1,5 kg/m <sup>2</sup> , vertically 0,75 kg/m <sup>2</sup>
<b>Elongation at Break</b>	: ≥ 600% (DIN 53504)
<b>Tensile Strength</b>	: >1 N/mm <sup>2</sup> (DIN 53504)
<b>Application Temperature</b>	: +5°C ile +35°C
<b>Ambient Temperature</b>	: +5 °C ile +35°C

## DISCLAIMER



# TECHNICAL DATA SHEET

# Akfix® coating

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