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WM35 WATERGUARD ACRYLIC WATERPROOFING MEMBRANE

1 – DESCRIPTION

WM35 Waterguard Acyrlic 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
- Can be used on vertical and horizontal surfaces
- 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
- Metal roofs
- 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 1 part acrylic waterproofing membrane and 1 part 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. Ten 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.

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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 PROPERTIES

Chemical Basis	: Acrylic copolymer	
Solid Content	: %70-80	
Density	: 1,32 ± 0,03 g / ml	
Consistency / Color	: Liquid / White	
Viscosity	: 40.000-60.000 cp (20°CS.No:05)	
Dry Time for Next Layer Application	: 4-5 hours (23°C, %50 R.H.)	
Service Time	: 48 hours (23°C, %50 R.H.)	
Consumption	: Horizontally 1,0-1,5 kg/m^2, vertically 0,75 kg/m^2	
Elongation at Break	: ≥ 350%	(DIN 53504)
Tensile Strength	: 0,5-1,0 N/mm^2	(DIN 53504)
Application Temperature	: +5°C ile +35°C	
Ambient Temperature	: +5 °C ile +35°C	