

# MAXCIS 322-S

## ***Two Component, Bitumen-Rubber Based Waterproofing Membrane***

### **DEFINITION:**

- It is a fiber reinforced waterproofing material.
- It has permanent elasticity.
- It has crack bridging feature.
- Can be used on horizontal and vertical surfaces.
- Can be applied to slightly damp surfaces.
- Suitable for underground use.

### **USAGE AREAS:**

- Foundations
- Plant pots
- Retaining walls
- Repair of old bitumen insulation materials
- Under ceramics balcony and terrace insulation



### **APPLICATION CONDITIONS:**

- The surface must be solid and of sufficient strength.
- You should wait at least 28 days before applying on new concrete.
- The surface temperature must be at least 3 °C higher than the dew point.
- Recommended air and application surface temperature is between 5°C and 35°C.
- Relative humidity should be lower than 85% during application.
- Application should not be made in windy weather.

### **SURFACE PREPARATION:**

- The application surface must be clean and dry. There should be no rust, dust, oil and water.
- Weak layer and mortar residues on the concrete surface should be cleaned by surface grinding method.
- Concrete repairs should be made with suitable epoxy or cement based materials.
- Dilatation and chamfers must be prepared with suitable materials.

### **APPLICATION:**

- After Component A is mixed with a low speed mixer, component B is added at the specified rate and mixing continues until a homogeneous mixture is obtained.
- The resulting mixture is mixed with water in a 1:1 ratio and applied to the surface as a primer.
- After the primer dries, mixtures are prepared again and the resulting mixtures are applied to the surface with a trowel, brush or appropriate spraying machine.

**TECHNICAL SPECIFICATIONS:**

Test Name	Unit	Value
<b>Density of Mixture</b>	gr/cm <sup>3</sup>	1,10 ±0,05
<b>Elongation</b>	%	80
<b>Pot Life of the Mixture (20°C)</b>	minute	50-60
<b>Waiting Time Between Floors</b>	hour	3-4
<b>Full Drying Time</b>	hour	24

**CONSUMPTION:**

- Consumption for 1 mm dry film thickness is approximately 1,50 kg/m<sup>2</sup>.

**PACKAGING:**

- Component A 22 kg, Component B 8 kg. Total 30 kg/set

**SELF LIFE AND STORAGE:**

It should be stored in original, unopened and undamaged packages, in dry environments between 15°C-25°C, away from direct sunlight. Shelf life is 12 months.

**WARNING:**

- Before using the product, read the MSDS form carefully and follow the written instructions.
- Personal protective equipment should be used during application.
- There must be sufficient air circulation in the application area.
- Give empty packages to organizations authorized to collect hazardous waste.