

# MAXCIS 321-S

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

### **DEFINITION:**

- Solvent-free
- Highly elastic
- Crack-bridging feature
- Can be used on horizontal and vertical surfaces
- High adhesion strength
- Suitable for underground use

### **USAGE AREAS:**

- Foundation and retaining walls
- Plant pots
- Repair of old bituminous insulation materials
- Balconies and terraces (under concrete)



### **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:**

- For priming concrete surfaces, 1 unit of product is added to 4 units of water and mixed until a homogeneous mixture is obtained.
- The resulting mixture is applied to the surface as a primer with a roller or brush.
- After the primer has dried, the products that are mixed and made homogeneous are applied to the surface with a trowel, brush or suitable spraying machine in 2-3 layers.

- The next layer should be applied after the previous layer has dried.

**TECHNICAL FEATURES:**

Test Name	Unit	Value
<b>Mixture Density</b>	gr/cm <sup>3</sup>	1,05 ±0,05
<b>Solid Content</b>	%	60-65
<b>Initial Drying Time</b>	hour	2-4
<b>Full Drying Time</b>	day	1-2

**CONSUMPTION:**

- Total consumption in 2-3 layers application is 3,00-4,50 kg/m<sup>2</sup>.

**PACKAGING:**

- 30 kg/plastic bucket

**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.