

# MAXCIS 321-UV

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

### **DEFINITION:**

- It is a UV resistant waterproofing material.
- It has permanent elasticity. (%1000)
- 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:**

- Balconies and terraces
- Roof water channels and rain gutters
- Bathroom, WC, kitchen (under ceramics)
- Foundations
- Retaining walls
- Repair of old bitumen insulation materials

### **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, 20% water is added to the product 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 dries, the products prepared by mixing are applied to the surface in 2-3 layers with a trowel, brush or suitable spraying machine.
- The layer to be applied should be applied perpendicular to the previous layer.

**CONSUMPTION:**

- Consumption for 1 mm dry film thickness is approximately 1.50 kg/m<sup>2</sup>.
- Total consumption in 2-3 layers application is 2.50-3.00 kg/m<sup>2</sup>.

**PACKAGING:**

- 20 kg/plastic buckets

**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.