

# MAXCIS 372-S

## ***Two Component, Polyurethane Based Waterproofing Membrane***

### **DEFINITION:**

- It is a solvent-free, elastic waterproofing material.
- It can be applied by spraying machine or brush-roller.

### **USAGE AREAS:**

- Balconies and terraces (under concrete)
- Kitchen, bathroom, toilets (under ceramics)
- Green roof, under landscaping and in pots
- Foundations
- Drinking water tanks



### **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.
- Priming is done with an epoxy or polyurethane based primer suitable for the structure of the surface.

### **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 prepared mixture is applied to the surface in one or two layers with a suitable spraying machine or brush-roller.
- Waiting time between coats should not exceed 24 hours.

- The color of the applied product changes under direct sunlight. Aliphatic topcoat should be applied to prevent color change.

**TECHNICAL SPECIFICATIONS:**

Test Name	Unit	Standard	Value
Density of Mixture (23°C)	g/cm <sup>3</sup>	-	1,25 ± 0,05
Viscosity of Mixture (23°C)	mPa.s	-	5000-6000
Solids Content	%	-	100
Mixing Container Life	dakika	-	35-40
Tensile strength	Mpa	ASTM D 638	≥ 5
Elongation	%	ASTM D 638	≥ 100
Hardness (Shore A)	-	ASTM D 2240	80-85
Adhesion Strength	N/mm <sup>2</sup>	EN 1542	>2

**CONSUMPTION:**

- Total consumption in 2 layers application is approximately 1,50 kg/m<sup>2</sup>.

**PACKAGING:**

- Component A 16 kg/pail, Component B 4 kg/pail. Total 20 kg/set

**SHELF LIFE AND STORAGE:**

The components of MAXCIS 372-S are sensitive to humidity and temperature. Therefore, they should be stored in original, unopened and undamaged packages, in dry environments away from direct sunlight.

	Unit	Component A	Component B
Shelf Life	month	9	9
Storage Temperature	°C	15-25	15-25

**WARNING:**

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