

MAXCIS 322-S

Two Component, Bitumen-Polyurethane Based Waterproofing Membrane

DEFINITION:

- It is a hydrophobic waterproofing material with high elasticity (>2000%).
- It has crack bridging feature.
- Can be used on horizontal and vertical surfaces.
- Provides excellent adherence to the surface on which it is applied.
- It has water vapor permeability.



USAGE AREAS:

- Balconies and terraces (under ceramics)
- Bathroom, WC, kitchen (under ceramics)
- Foundations
- Retaining walls

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.

TECHNICAL SPECIFICATIONS:

Test Name	Unit	Value
Density (23°C)	g/cm3	1,00 ± 0,05
Tensile Strength	Mpa	≥ 2,2
Elongation	%	> 2000
Shore A	-	35-40
Adhesion Strength	N/mm2	Concrete: ≥ 2,0

CONSUMPTION:

- Total consumption in 2 layers application is approximately 2.00 kg/m².

PACKAGING:

- Component A 17 kg/pail, Component B 17 kg/pail. Total 34 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.