

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

CONSUMPTION:

- Consumption for 1 mm dry film thickness is approximately 1,50 kg/m².

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.