MAXCIS 371-TC

One Component, Polyurethane Based, Aliphatic, Topcoat Waterproofing Membrane

DEFINITION:

- It is a solvent-containing, elastic, topcoat waterproofing and coating material.
- It is specially formulated for surfaces exposed to direct sunlight and where color stability is required.
- It can be applied by spraying machine or brush-roller.

USAGE AREAS:

- Roofs, balconies and terraces
- Applications on ceramics
- On epoxy, polyurea and polyurethane coatings
- Metal surface coatings

FEATURES OF COMPONENT:

Test Name	Unit	Value
Chemical Structure	-	Polyurethane with solvent
Density (23°C)	g/cm^3	1,35 ± 0,03
Viscosity (23°C)	-	1000-3000
Solid Content	%	85 (by weight)

REACTION PARAMETERS:

Test Name	Unit	Value
Tack Free Time	hour	2-3
Waiting Time Between Layers	hour	12-18

** The tests were carried out under laboratory conditions at 23°C. Values may vary under different temperature and humidity conditions.*

APPLICATION CONDITIONS:

For primer and membrane application;

- 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:

- The product is mixed with a low speed mixer until a homogeneous mixture is obtained.
- The product is applied to the surface with a suitable spraying machine or brush-roller.
- Generally, a singe layer application is made.

FINISHED PRODUCT FEATURES:

Test Name	Unit	Standard	Value
Tensile Strength	Mpa	ASTM D 638	≥ 4
Elongation	%	ASTM D 638	≥ 400
Hardness (Shore A)	-	ASTM D 2240	70-75
Adhesion Strength	N/mm^2	EN 1542	2

CONSUMPTION:

- Consumption for 1 layer application is 0.50-0.70 kg/m^2.

PACKAGING:

- 20 kg/metal bucket

SHELF LIFE AND STORAGE:

The MAXCIS 371-TC is sensitive to humidity and temperature. Therefore, they should be stored in original, unopened and undamaged packages, in dry environments away from direct sunlight.

	Unit	Value
Shelf Life	month	9
Storage Temperature	°C	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.