

MAXCIS 311-UV

One Component, Acrylic Resin Based Waterproofing Membrane

DEFINITION:

- It is a UV resistant, solvent-free, highly elastic, waterproofing material.
- It has water vapor permeability.
- It can be painted over.

USAGE AREAS:

- Sloping roofs, balconies and terraces
- Roof water channels, chimney bottoms and parapets
- Building exteriors
- Over waterproofing materials containing old bitumen
- On thermal insulation materials (spray PU foam)



FEATURES OF COMPONENT:

| Test Name | Unit | Value |
|--------------------|-------|---------------|
| Chemical Structure | - | Acrylic resin |
| Color | - | White, gray |
| Density (20°C) | g/cm3 | 1,40 ± 0,05 |

APPLICATION CONDITIONS:

- The surface must be solid and of sufficient strength.
- Recommended air and application surface temperature is between 5°C and 35°C.

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:

- The product is mixed with a low speed mixer until a homogeneous mixture is obtained.
- The prepared product is diluted with approximately 20% of water and applied as a primer coat.

- After the primer coat has cured, the first coat of the product is applied with a suitable spraying machine or brush-roller.
- The second coat should be applied after the first coat is completely dry.

REACTION PARAMETERS:

| Test Name | Unit | Value |
|-----------------------------|------|-------|
| Tack Free Time | hour | 2-3 |
| Waiting Time Between Layers | hour | 4-6 |

FINISHED PRODUCT FEATURES:

| Test Name | Unit | Standard | Value |
|------------------|------|------------|-------|
| Tensile Strength | Mpa | ASTM D 638 | >1,5 |
| Elongation | % | ASTM D 638 | >400 |

CONSUMPTION:

- Consumption for two layers application is 2,50-3,00 kg/m².

PACKAGING:

- 20 kg/plastic buckets

SHELF LIFE AND STORAGE:

The MAXCIS 311-UV 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 | 12 |
| Storage Temperature | °C | 15-25 |

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 buckets to organizations authorized to collect hazardous waste.