

# JCX 100

## Single Component Polyurethane Resin

### ► Description

JCX 100 is a single component moisture cured liquid polyurethane membrane.

### Key Benefits

- Easy to apply by means of brush, roller, or airless spray.
- High abrasive resistance & tensile strength
- Crack-bridging ability
- Excellent adhesion on most surface
- Resistant to immersion into water
- Ideal for outdoor application
- Application temperature range: from + 5°C to +35°C (R.H.< 4%).

### ► Typical Applications

- Roofs, terraces and balconies
- Renewing old membranes,
- Tanks, channels & pipelines

### ► Application Guidelines

JCX 100 can be applied by brush, squeegee, roller or airless spray.

#### Note:

**Non reinforced system:** apply two coats of product, with a consumption of 0.5-0.7 Kg/m<sup>2</sup> for the first layer and 0.3-0.5 Kg/m<sup>2</sup> for the second. (over-application time from 6 to 48 hours maximum.)

**Reinforced system:** use JCX Fabric together with the first coat of JCX Mono UV.

After minimum 24 hours and not later than 48 hours, a second coating can be applied on the layer:

Total consumption should be about 1.3 – 1.5 kg/m<sup>2</sup>

The product is moisture curing. The rapidity of hardening is strongly influenced by relative environmental humidity.

### ► Technical Data

JCX 100	
Appearance	Black
Adhesion to Concrete	>4.0 MPa
Elongation (ASTM D412:2016)	>500%
Tensile	>4 MPa
Crack bridging	A5(23°C)
Bond strength by pull-off	>2.0 N/mm <sup>2</sup>
Shore A Hardness	65-70
VOC (KS M ISO 11890-1:2017) Volatile Organic Compound	138 g/L

### ► Packaging

JCX 100 is supplied in 25 kg pail

### ► Health & Safety

JCX 100 should only be used as directed. We always recommend that the Health & Safety Data Sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection.

### ► Storage

JCX 100 should be stored at room temperature (max 38°C), kept dry and out of direct sunlight. Shelf life is 1 year in tightly sealed original pail from date of manufacturing.