

# JCX 200 ALP

# Single Component Aliphatic Polyurethane Resin

## Description

JCX 200 is a non-yellowing, aliphatic single component moisture curedliquid polyurethane membrane. It is top-free waterproofing paint with good water and weather resistance.

# **Key Benefits**

- Easy to apply by means of brush and roller
- 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 up to 80%)

# Typical Applications

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

#### Application Guidelines

Application Equipment: Roller and Brush

**Non reinforced system:** apply two coats of product, with a consumption of 0.5-0.7 Kg/m2 for the first layer and 0.4-0.7 Kg/m2 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 1.42/m2 Recommended Film Thickness: 1-2mm

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

#### Technical Data

JCX 200 ALP	
Appearance	Grey / Green
Finish	Semi - Glossy
Viscosity (25°C,cps)	1000 - 1500
Tear Strength (KS F 3211)	55.7
Elongation (KS F 3211)	>575%
Tensile Strength	>10.6 N/mm
Density of Specimen	1.35g/cm³
Bond strength by pull-off	>0.7 N/mm <sup>2</sup>
Shore A Hardness	92
VOC (KS M ISO 11890-1:2017) Volatile Organic Compound	188.2 g/L

#### Packaging

JCX 200 ALP is supplied in 25 kg pail

## Health & Safety

JCX 200 ALP 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 200 ALP should be stored at room temperature (indoor 5-35°C), kept dry and out of direct sunlight. Shelf life is 9 months in tightly sealed original pail from date of manufacturing.

Our technical advice for use, whether verbal, written or in tests, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object -related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults; correct application of our products therefore falls entirely within your scope of liability and responsibility. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery. Users are responsible f or complying with local legislation and for obtaining any required approvals or authorizations. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our R+D department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice. \* All values represent typical values and are not part of the product specification.