

## MAK ELASTOCRYL K10

White Elastomeric Waterproofing Cum Heat Reflecting Coating



### Description

Mak Elastocryl K-10 is a single component, liquid applied, highly resilient waterproofing cum heat reflective system based on newly developed plasticized acrylic resin blended with heat reflective micro-spheres. It cures on exposure to the atmosphere and forms an elastomeric seamless membrane.

### Key Features

- ◆ Single component, water based, ready to use material.
- ◆ Prevent mess and objectionable odour completely.
- ◆ Eco-friendly, non-inflammable and non-toxic.
- ◆ It has a thixotropic consistency and may be used on horizontal as well as vertical surfaces.
- ◆ It has superior flexibility and elongation properties which allow expansion and contraction with the substrate, without cracking or becoming brittle.
- ◆ It gives a surface temperature variation of 10°C-15°C in peak summer, therefore reduces electricity consumption.

### Coverage

Generally, Mak Elastocryl K-10 will cover appx. 2 – 2.5 sqm/ 2 coat/ kg. The coverage can vary depending on the porosity of the substrate and the thickness required.

### Areas of Application

- ◆ Roof decks and walls, either of concrete/mortar, wood or metal etc.
- ◆ It can be used over spray applied PU foam and other materials that are UV degrading.
- ◆ All sort of roofs for waterproofing and heat reflection.

### Application Procedure

**Surface Preparation:** Concrete, mortar and masonry surface must be clean, free from grease, oil, laitance and loosely adhering particles. Steel and iron surfaces must be free from scale, rust, grease and oil. All surfaces must be as true and flat as possible. Absolute surface preparation is essential to achieve high adhesive quality of the product.

**Application:** Mak Elastocryl K-10 can be applied using brush, roller or spray. The minimum 2 coats are recommended. 2nd coat should be applied after the 1st coat gets dry. For efficient result, 10 – 15% water can be added to make the coating brushable. For substrates like wood, metal surfaces and bitumen, it is advisable to use Mak Primecryl as primer, before using Mak Elastocryl K-10.

### Storage

Available in 1kg, 4kg and 20 Kg pails.

## Technical Data

Characteristics	Results
Chemical Base	Acrylic polymer dispersion
Elongation	250% - 300%
Cracking	None
Solid Contents	58% ±2
SRI	104
Colour	white
Dry Film Thickness	300-350 Microns per coat
Tensile Strength	1.54 MPa
Resistance to alkali	No sign of cracking, blistering or flaking

## Storage

Store under cover, in a cool place away from direct sunlight. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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