

# NEOPROOF PU COAT

## Waterbased Elastomeric Polyurethane Waterproofing Coating

### DESCRIPTION

**PU COAT** is Water based High Performance, and Polyurethane Modified UV stable, cold applied flexible liquid waterproofing membrane. Its eco-friendly unique formula makes it a proven & durable solution for weather proofing, waterproofing applications. PU COAT cures to a permanently flexible seamless membrane with excellent adhesion to a wide range of substrates. Unlike traditional bitumen based products it does not embrittle upon ageing or on exposure to ultra violet radiation or weathering. Being flexible, PU COAT does not crack or get affected by variations in temperatures.

### AREA OF APPLICATION

- All types of roofing systems (Like asphalt, asbestos, cement, wooden, metal etc)
- New as well as old terraces
- External wall (old/new)
- Parapet walls
- Wall and metal roof joints
- Junction of vertical and horizontal surface
- B B coba
- Chajjas etc

This coating system is recommended to keep in exposed condition.

### FEATURES

- Single component, cold applied water based
- Superior wetting & adhesion properties
- Adapts itself over the irregular contours of the deck
- Withstands expansion/contraction & deck movements. Does not crack.
- Easy clean up possible
- Fast Drying & UV Stable non yellowing
- Ensures durable bond & Compatible with Most of the surfaces
- Forms a impervious & waterproof blanket with crack bridging properties

### SURFACE PREPARATION

Surface should be clean free from dirt, gravel, dust and oil. The surface should be dry and smooth. Repair the roof of all blisters, cracks, split seams and flashing before coating.

### METHOD OF USE

Prime the prepared surface with NEOPROOF MULTICOAT diluted with water in the ratio of 1:3. Post drying of primer; apply 1st & succeeding coats of 'PU coat'. One can use standard roofing brooms, brushes, squeegees or airless spray equipment for application. Allow full curing of each coat (approx 8 – 10 hours) before applying next coat. Reinforcing with Geotextile fleece/ LDPE net/glass fiber mesh will yield better results. Reinforcement is to be embedded into 1st Coat while it is still wet. \*Top of the parapet walls, terraces with area more than 500sq ft, joints/ junctions of horizontal and vertical surfaces, j-bolts etc. are recommended to be treated with reinforcement (Geotextile fleece/ LDPE net/glass fiber mesh)

### COVERAGE

Coverage for 2 coats is around 25- 30 sqft /kg and should generally return DFT of approx 200-300 microns. For higher DFT use extra coats. And coverage for coating with reinforcement (Geotextile fleece/ LDPE net/glass fiber mesh) is around 10 -12 sq ft/kg. And it should return the DFT of 400-600 microns.

## PACKING

NEOPROOF EAZY COAT is available in 1 kg, 5 kg, 10 kg, 20 kg, 200 kg

## STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C.

## TECHNICAL PROPERTIES

Appearance & colour	Viscous white liquid
Specific gravity	1.30 ± 0.10 (ASTM D 1644-03)
Solid content %	63 ± 5 (ASTM D 1475-03)
Elongation at break	> 300 % (ASTM – D 2370-98)
Viscosity (spindle no. 7; RPM; 10@25°C)	50000 – 70000 CPS (thixotropic)
Water permeability	Almost Zero
Tensile strength N/mm <sup>2</sup>	1.99 (ASTM – D 412-98A)
Adhesion strength N/mm <sup>2</sup>	.66.00 (ASTM – D 903-98)
Pull off test N/mm <sup>2</sup>	2.704 (BS 1881:part 207:1992)

## HEALTH & SAFETY

Exercise caution and use protective clothing such as gloves and goggles. Inhalation of vapour or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air & if need be start artificial respiration. Give oxygen if breathing is labored & call emergency medical help. In case of eye contact flush with water for 15 minutes and call for medical help. If swallowed will cause nausea, vomiting, and loss of consciousness. Do not induce vomiting rather call for medical help. If contact with skin flush with water/soap & water until all traces are removed. Seek medical attention if required.

### MANUFACTURED BY



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