

NEOPROOF ROOF COAT

Waterbased Elastomeric Acrylic Waterproofing Coating

DESCRIPTION

NEOPROOF ROOF COAT is a specially designed single part, pollution free liquid waterproofing membrane coating based on special synthetic resin. Its excellent flexibility & thixotropic nature makes it ideal for use on both horizontal & vertical surfaces. It offers superior UV resistance and solar reflectivity.

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

- Seamless, tough , flexible elastic coating
- Light weight than conventional roofing
- Can be used as waterproof primer
- Superior wetting & adhesion properties
- Solar Reflective Coating
- Highly resistant to oxidation, UV & ozone. Lasts longer
- Ensures durable bond to most building material (old or new)
- Provides insulation or cooling effect up to certain extent.

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 ROOF COAT** diluted with water in the ratio of 1:1. Post drying of primer, apply 1st & succeeding coats. 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

Primer coat: Approximate coverage for primer coat is around 40-50 sq. ft / kg depending on surface porosities.

Coating/ upper coats: 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 ROOF 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 30oC.

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 ²	1.99 (ASTM – D 412-98A)
Adhesion strength N/mm ²	.66.00 (ASTM – D 903-98)
Pull off test N/mm ²	2.704 (BS 1881:part 207:1992)
Hardness shore A	55 ± 5 (ASTM – D 2240-05)
UV resistance	10,000 hrs No deterioration or color fade (ASTM D 822)
Chemical resistance/ Insulation Properties	Good
Resistance to temperature	Approx. -30 °C to +100 °C
Flash point	Non Flammable
Water vapour transmission g/h-m ²	0.97 (ASTM E 96-095)
Curing time@35°C	Approx.48 hours (at 20°C, 50% RH)
Drying time @25°C	Approx 2 hours (ASTM D 1640-03)

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



Plot no. 700/3A, 40 Shed area GIDC,
Vapi 396195. Dist. Valsad, Gujarat

Tel no. 0260-6543074
www.neopaints.co.in

MARKETED BY



A9/201, Eco valley, kanhe Mumbai Pune Highway,
Kanha, 412106

Tel no. +91 98224 03250
calistochemicals@gmail.com