



Engineer Plus Elastoproof-99

Waterproof Stretchable Membrane

Description

An acrylic co-polymer emulsion, used to form on-site seamless, cross-linked elastometric membrane on the concrete. The polymer composition ensures excellent UV stability, high strength and elongation of up to 250%..

Areas of Application

Roof Terrace, Sunkens, Balconies & Utilities, Podiums, Water Tanks and STP (Sewage Treatment Plants), Basements, Retaining Walls, Water Reservoirs etc.

Features & Benefits

- Stretchable membrane for leakage proofing of concrete surfaces
- Excellent UV stability
- High bonding strength
- Water-resistant
- Up to 600% elongation

Method of Application

- **Surface Preparation**
 - Clean the surface and remove all dust, foreign matters, loose material or any deposits of contamination which could affect the bond between the surface and Elastoproof-99 coating. The surface cleaning can be done by wire brush, air blower, grinder, high pressure water spray, sand blasting followed with air blowing or water wash.
 - Smoothen the horizontal / vertical concrete surface.
- **Repair Work**
 - Attend damaged / spalled concrete with Elastoproof-99 mixed mortar. For filler, the mixing ratio is 1 kg cement : 1.5 kg fine sand : 0.25 kg of Elastoproof-99 : Water 0.4 to 0.5 litre. Cure with water for 2-3 days.
- **Membrane Top Coat**
 - Mix 1 part (by volume) of Elastoproof-99, 1 part (by volume) of cement, 1 part (by volume) sand and stir to get a uniform paste. Add required amount of water to bring this mix to desired consistency apply by brush or roller.
- **Curing & Drying** : Sun dry ($\geq 25^{\circ}\text{C}$) for 6 - 12 hours & reapply.

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Acrylic Sealer & Bonder

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Form		Milky White, Free flowing Liquid
Specific Gravity		1.02 ± 0.01
Solid content		50 ± 1%
Viscosity		< 500 cps
PH	@ 25oC	7.5 to 8.5
Diluent		Clean Potable Water TDS < 1000 ppm
Flash Point		Non Flammable
Elongation		up to 250%

PACKING



Head Office

61, Jawahar Marg, Near Sanjay Setu, Indore, MP 452007

Ph. 9329577550 Email : engineerplusindia@gmail.com

Web : www.engineerplus.in / www.icoindia.co.in