

Leakproof 99[™]

WATERPROOF STRETCHABLE
MEMBRANE & CRACK FILLER



PROTECTION



HIGH STRENGTH



STRONG ADHESION



DURABLE



100% Silane



Eco Friendly



Long Life

Description

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

Area of Application

Roof Terrace, Sunkers, 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 250% 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 Leakproof-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 Leakproof-99 mixed mortar. For filler, the mixing ratio is 1 kg cement : 1.5 kg fine sand : 0.25 kg of Leakproof-99 : Water 0.4 to 0.5 litre. Cure with water for 2-3 days.

Membrane Top Coat

- Mix 1 part (by volume) of Leakproof-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 for ($\geq 25^{\circ}\text{C}$) 6 - 12 hours & reapply.

Technical Data Sheet

PROPERTIES	SPECIFICATION	RESULTS
Form		Milky White, Free Flowing, Liquid
Specific Gravity		1.02 $\pm$ 0.01
Solid Content		50 $\pm$ 1%
Viscosity		< 500 cps
PH	@ 25°C	7.5 to 8.5
Diluent		Clean Potable Water TDS < 1000ppm
Flash Point		Non Flammable
Elongation		up to 250%

