

# High Performance Acrylic Based Waterproofing Elastomeric Membrane



Elastobar is a high performance elastomeric membrane for crack bridging. It features curing through crosslinking and is highly UV durable. It features ability to elongate upto 250 percent. It can be used on variety of substrates either alone or as a mortar mix with sand and cement.

## FEATURES

- ☒ High Elongation Elastomeric Waterproofing Membrane
- ☒ Crosslinking & UV Durable
- ☒ 250 Percent Elongation
- ☒ Can be used Alone or in Mortar

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## 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%.

## APPLICATION AREAS

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

## APPLICATION METHOD

### 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 Elastobar 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 Elastobar mixed mortar. For filler, the mixing ratio is 1 kg cement : 1.5 kg fine sand : 0.25 kg of Elastobar : Water 0.4 to 0.5 litre. Cure with water for 2-3 days.

### Membrane Top Coat

- Mix 1 part (by volume) of Elastobar, 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.

## SPECIFICATIONS

Form : Milky White, Free flowing Liquid

Specific Gravity :  $1.02 \pm 0.01$

Solid content :  $50 \pm 1\%$

Viscosity :  $< 500$  cps

pH @  $25^{\circ}\text{C}$  : 7.5 to 8.5

Diluent : Clean Potable Water TDS  $< 1000$  ppm

Flash Point : Non Flammable

Elongation : up to 250%







## ABOUT ZYDEX

Established in 1997, Zydex is a specialty chemicals company with the purpose of innovating to create a sustainable world through conservation of resources.

Beyond construction products, Zydex offers a diverse set of chemical technologies for the textile, agriculture and pavement industries. We were recently recognised as one of the 25 Most Innovative Companies in India by the Confederation of Indian Industry (CII).

### Sustainable Green Chemistry

Zydex is deeply committed to sustainable chemistries that will ensure a greener future for everyone. Our commitment has made us a pioneer in introducing non-polluting and non-hazardous technologies that conserve, protect and enhance the environment. Pursuing chemical innovations that would mean a greener, safer and more resource renewable world is our passion. Our technologies have been recognized for their contribution to sustainability and are globally accepted.



*25 Most Innovative  
Companies of India*

## GLOBAL PRESENCE

