

High Performance Acrylic Based Waterproofing Elastomeric Membrane

Zydex[®]
Innovating for Sustainability



ELASTOBAR
STRETCHABLE CRACK BRIDGING 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 as a mortar mix with sand and cement.

FEATURES

- ✓ High Elongation Elastomeric Waterproofing Membrane
- ✓ Crosslinking & UV Durable
- ✓ 250 Percent Elongation
- ✓ Can be Used as a Mortar Mix with Sand and Cement

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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%.

APPLICATION AREAS

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

APPLICATION METHOD

Surface Preparation

- Clean the surface by chipping and removing loose cement mortar. Clean dust by air blower, industrial vacuum cleaner, followed by high pressure water-jet cleaning. Allow the surface to dry. Clean the surface again with vacuum cleaner. Do seepage proofing with ZycoSil+ & ZycPrime+ solution as per guidelines given in the waterproofing leaflet.
- 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 Elastobar, 1 part fine sand and 1 part cement. Stir to get uniform paste. Add upto 50 ml water to get brushable consistency. Apply with brush/roller.

Curing & Drying : Sun dry ($\geq 25^{\circ}\text{C}$) for 6 - 12 hours.

SPECIFICATIONS

Form : Milky White, Free flowing Liquid

Specific Gravity : $1.35 \pm 1\%$

Solid content : $50 \pm 1\%$

Viscosity : < 500 cps

pH @ 25°C : 7.5 to 8.5

Diluent : Clean Potable Water TDS < 1000 ppm

Flash Point : Non Flammable

Elongation : up to 250%

COVERAGE

Membrane coating with cement :
18-20 Sq.ft. per 2 coats

PACKING 1kg, 5kg and 20kg.

STORAGE Store between $+5^{\circ}\text{C}$ and $+45^{\circ}\text{C}$.

SHELF LIFE

2 years if stored as recommended.

DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers



ABOUT ZYDEX

Established in 1997, Zydex is a specialty chemicals company with the purpose of innovating for sustainability.

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).

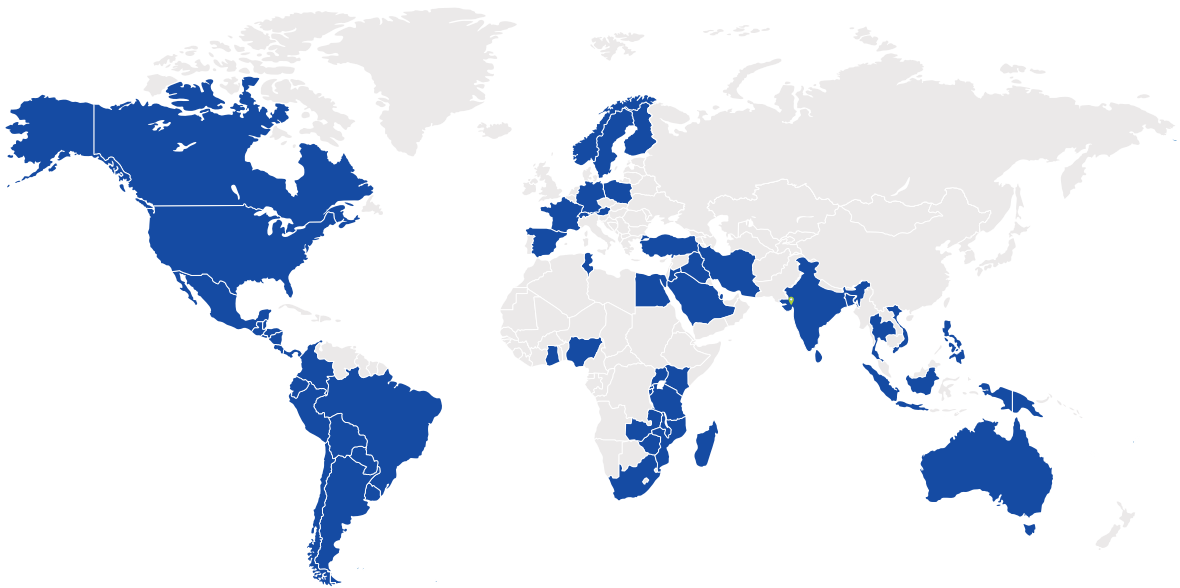
Sustainable Green Chemistry

Zydex is deeply committed to sustainable chemistries that 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, purer and more resource renewable world is our passion. Our technologies have been recognized for their contribution to sustainability and globally accepted.



25 Most Innovative Companies of India

GLOBAL PRESENCE



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