

Waterproofing Elastomeric Membrane Formation with Grey Cement

Zydex[®]
Innovating for Sustainability



ELASTOSIL

Elastosil is a high performance elastomeric membrane for waterproofing on a cracked surface. It features curing through room temperature crosslinking and is highly water resistant. It can elongate up to 175 percent. It can be used on variety of substrates. Needs grey cement to be added for easy application and consistency.

FEATURES

- ✓ High Elongation up to 175 % depending on grey cement addition quantity
- ✓ Elastomeric Waterproofing Membrane has excellent bonding to cement, metal and stone surfaces
- ✓ Crosslinking & UV Durable up to 5 years

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DESCRIPTION

An acrylic formulated emulsion, to be mixed with grey cement and applied to form, on-site seamless, cross-linked elastomeric membrane on the surface. The polymer composition ensures excellent UV stability, high strength and elongation up to 175%.

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+ & Zycoprime+ solution as per guidelines given in the waterproofing leaflet

Repair Work

- Attend damaged surface by applying cold bond followed with repairing mortar

Membrane Top Coat

- Mix 1 liter ElastoSil with 750 gm cement and add up to 200 ml water. Stir to get uniform paste with brushable consistency. Water quantity can be adjusted to get required consistency. Apply with brush / roller. Allow to dry for 6-8 hours.
- Apply second coat perpendicular to the first coat and cure for 2-3 days.

SPECIFICATIONS

Form : Creamish white Viscous Liquid

Specific Gravity : 1.49 ± 0.01

Solid content : 75 ± 1%

Viscosity : < 8000 cps

pH @ 25°C : 7.5 to 8.5

Diluent : Clean Potable Water TDS < 1000 ppm

Flash Point : Non Flammable

COVERAGE

20-22 sq.ft./Liter of ElastoSil in 2 coats

PACKING 4ℓ & 20ℓ

STORAGE Store between +5°C and +45°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).

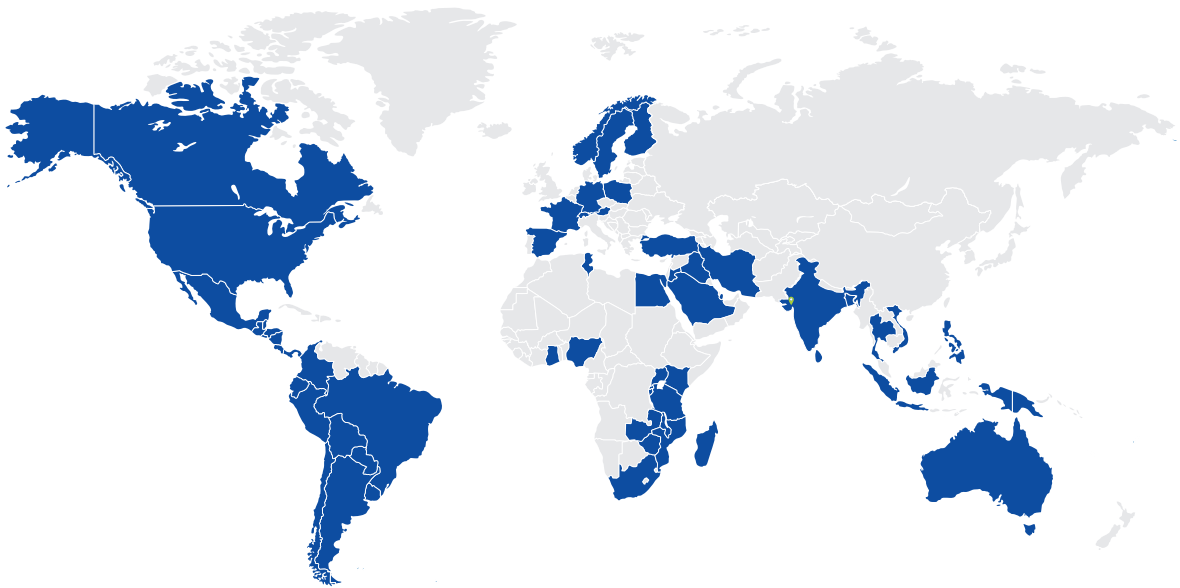
Sustainable Green Chemistry

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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