

Nano Acrylic Sealer & Bonding Agent



ZYCOBONDMAX

ZycoBond Max is a nano acrylic co-polymer (70-90 nm primary particle size) for improved water resistance for concrete and cement plaster surfaces. ZycoBond Max when combined with ZycoSil Max seals and waterproofs most of the construction materials.

It provides excellent wetting and bonding to the water repellent surfaces and can achieve up to 30 kN bond strength. It provides flexible reactive water resistant polymer film for long life.

FEATURES

- ☒ Reduces Porosity
- ☒ Excellent Water Resistance
- ☒ Excellent Wet Adhesion
- ☒ Strong Bonding (30 kN) to Cementitious Concrete & Plaster Surfaces

Toll Free:
1-800-3000-7144

www.zydexindustries.com

DESCRIPTION

ZycoBond Max is an acrylic co-polymer emulsion, to be used as a bonding and wetting agent for excellent adhesion of concrete and cement plaster on ZycoSil Max treated surfaces . ZycoBond Max can also be diluted into ZycoSil Max solution and used as a nano-sealer.

FEATURES & BENEFITS

- UV stable & Economical
- Reduces considerably permeability of water
- Bonds strongly with ZycoSil Max treated concrete, plasters and cementitious surfaces

APPLICATION AREAS

- **Waterproofing &/or Bonding Primer :** Walls & slabs

APPLICATION METHOD

Clean the surface with wire brush, scrubber or air blower to remove hidden dirt, loose particles, laitance & dust. De-grease the surface by using suitable solvents, if needed.

- **Bonding Primer**
To be used as a clear bonding primer by diluting 1:2 with water. Apply on the surface before concreting, plastering or painting.
- **Waterproofing Solution**
As a sealer for reducing porosity of concrete and plaster surfaces. The surface should be thoroughly saturated with ZycoSil Max solution (Dilution Ratio - 1 part ZycoSil Max : 1 parts ZycoBond Max : 40 parts of potable Water).

SPECIFICATIONS

Form : Translucent Liquid Dispersion

Specific Gravity : 1.0 to 1.2

Solid content : 35 ± 1%

Bulk Viscosity : < 200 cps

pH : 5.5 - 6.5

Solubility (in Water) : Easily Dispersible

Flash Point : Above 85°C

Particle Size : < 90 nm

APPLICATION DETAILS

Sr. No	APPLICATION	BASE RECIPE	ZYCOBOND MAX QTY
1	Waterproofing Solution	ZycoSil Max solution (1:40)	1 ltr
2	Bonding Primer	2 ltrs water	1 ltr

COVERAGE

Vertical Surfaces (Concrete, Brick & Stone) : Approx. 60-80m² (650-860 ft²) per 1 litre of ZycoBond diluted in a 41 litre solution of 1:40 ZycoSil Max solution in potable water.

Horizontal Concrete Surfaces : Approx. 24-40m² (260-430 ft²) 1 litre of ZycoBond Max diluted in a 41 litre solution of 1:40 ZycoSil Max solution in potable water.

The coverage may vary depending upon permeability of the substrate and surface absorptivity.



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 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

