

# MULTI TASKING

## ACRYLIC SEALER & BONDER



# Zycoprime<sup>®</sup>+



High Strength



Strong Adhesion



UV Stable



Non Toxic

# Zycoprime<sup>®</sup>+

## DESCRIPTION

Zycoprime+ is an Acrylic Co-polymer emulsion, supplied as a ready to use bonding agent in liquid consistency. It is a versatile product and can be used as a cement modifier for repair of spalled concrete - slabs, chhajjas, beams, columns, floors and waterproofing of toilets, bathrooms and terraces.

It is used as a bonding primer and porosity filler during waterproofing application with Zycosil+ solution.

## FEATURES & BENEFITS

- Multipurpose, UV stable & Economical
- When used in concrete / plaster, it prevents cracking
- It reduces drying and shrinkage cracks
- Reduces permeability of water
- Improves workability of concrete / plaster
- Bonds strongly with concrete, plasters, cementitious surfaces
- Reduces viscosity of cement injection grout and tile adhesives for better fluidity & bonding

## SPECIFICATIONS

|                   |                                      |
|-------------------|--------------------------------------|
| Form              | : Milky White, Free flowing Liquid   |
| Specific Gravity  | : 1.01 to 1.02                       |
| Solid content     | : 35 ± 1%                            |
| Viscosity @ 25 °C | : < 500 cps                          |
| pH @ 25 °C        | : 6 to 7                             |
| Diluent           | : Clean Potable Water TDS < 1000 ppm |
| Flash Point       | : Non Flammable                      |

## APPLICATION AREAS

**Waterproofing Membrane** : Roof terraces, sunken portion of toilets & bathrooms, chhajjas, balcony etc.

**Concrete Repairs** : Spalled concrete of slabs, chhajjas, beams, columns, parapet, floor, etc.

**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 1:5 with water. Apply on the walls before painting and during putty rendering.

### Waterproofing Primer

For priming of concrete substrate, the surface should be thoroughly saturated with Zycosil+ solution (Dilution Ratio - 1 part Zycosil+ : 20 parts potable Water : 2 parts of Zycoprime+)

### Waterproofing Membrane

For a waterproofing coating mix 1 part Zycoprime+ with 1 part of cement & 1 part of 100 mesh sand.

Add water for brushability.

Brush apply the mix in a span of 4-6 hours on the prepared concrete substrate. It is recommended to saturate the surface with Zycosil+ solution prior to this application.

Overlay the coating with a protective screed to the desired slope and thickness.

Coverage : 4-5 m<sup>2</sup> for a 0.2 mm (200 microns) coat

## Repair Mortar & Renders, Floor Screeds & PCC

- Prepare the mortar in the following proportion
 

|                           |               |
|---------------------------|---------------|
| Cement                    | 50 kg         |
| Washed Sand               | 75 kg         |
| 6 mm Down size aggregates | 75 kg         |
| Zycoprime+                | 6- 7.5 liters |
| Water                     | 10 liters     |
- For PCC & Plaster work : Zycoprime+ 200 ml per bag of cement  
(Conforms to IS 2645 - 2003)

### APPLICATION DETAILS

| Sr. No. | APPLICATION                    | RECIPE  | ZYCOPRIME+ QTY. |
|---------|--------------------------------|---|-----------------|
| 1.      | Patching & Repair Mortar       | OPC : 50 kg<br>Washed Sand : 10 kg<br>Water : 10 ltrs   | 6 - 7.5 ltrs    |
| 2.      | PCC / Plaster*                 | OPC : 50 kg   | 150 - 250 ml    |
| 3.      | Waterproofing membrane (rough) | OPC : 1 kg<br>Sand : 1 kg   | 1 ltr           |
| 4.      | Putty                          | Putty-20 kg.  | 150 - 250 ml    |
| 5.      | Waterproofing Primer           | Zycosil+ solution (1:20)  | 2 ltr           |
| 6.      | Bonding Primer                 | 5 ltrs water  | 1 ltr           |
| 7.      | Coving                         | Zycoprime+ : 1 ltr<br>Water : 2.5 ltrs<br>Cement : 5 kg<br>Sand : 15 kg<br>Mix manually / mechanically<br>Use the mixture for smooth coving |                 |

\* conforms to IS 2645 - 2003

### COVERAGE

**Vertical Surfaces (Concrete, Brick & Stone):** Approx. 60-80 m<sup>2</sup> (600-800 ft<sup>2</sup>) per 2 litre of ZYCOPRIME<sup>+</sup> diluted with 21 litres of ZYCOSIL solution in water.

**Horizontal Concrete Surfaces:** Approx. 24-40 m<sup>2</sup> (240-400 ft<sup>2</sup>) 2 litre of ZYCOPRIME<sup>+</sup> diluted with 21 litres of ZYCOSIL solution in water.

The coverage depends upon permeability of the substrate and surface absorption.

#### PACKING

250 ml, 1, 5, 20 ltr.

#### STORAGE

Store between +5°C and +45°C.

#### SHELF LIFE

2 years if stored as recommended.

#### DISCLAIMER

Whilst the information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.



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