

ZycoPrime+

Acrylic Based Sealing, Bonding & Admixture Agent

ZycoPrime+ is a high-performance acrylic co-polymer emulsion designed for sealing, bonding and improving concrete adhesion. It can be used for spalled concrete repair, waterproofing reinforcement and as a cement admixture.

Key Benefits

- Versatile sealer, bonder and admixture
- Superior wet adhesion to concrete, plaster and cementitious surfaces
- Reinforces waterproofing performance
- Helps reduce shrinkage and cracking while improving workability

4 Application Areas



Waterproofing Primer

Use with ZycoSil+ solution in the ratio 1 part ZycoSil+ : 20 parts potable water : 2 parts ZycoPrime+.



Bonding Primer

Dilute 1:5 with water and apply before painting or during putty rendering.



Waterproofing Membrane

Mix 1 part ZycoPrime+ with 1 part cement and 1 part 100 mesh sand; add water for brushability.



Concrete Repairs

Used in repair mortar to improve adhesion, durability and workability of cementitious repair systems.

Waterproofing Coverage with ZycoSil+

Vertical surfaces: 60-100 m² (645-1075 ft²) per 2 L diluted solution

Horizontal concrete: 24-40 m² (260-430 ft²) per 2 L diluted solution

ZycoPrime+

Application Guide & Technical Information

How to Use - Waterproofing Membrane

1 Saturate Surface


For membrane work, saturate the prepared concrete with ZycoSil+ solution first.

2 Prepare the Mix


Combine 1 part ZycoPrime+ + 1 part cement + 1 part 100 mesh sand.

3 Add Water


Add clean water as required to achieve brushable consistency.

4 Brush Apply


Brush apply the mix on the prepared concrete substrate within the recommended 4-6 hour span.

5 Protect with Screed


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

Technical Specifications

Form	Milky White Liquid
Viscosity @ 25°C	< 500 cps
Specific Gravity	1.01 - 1.02
Solid Content	35 ± 1%
pH @ 25°C	6 - 7
Diluent	Clean potable water (TDS < 1000 ppm)
Flash Point	Non-Flammable

Packing & Storage

- Available sizes**
 250 ml, 1 L, 5 L, 20 L and 35 L
- Storage**
 Store between +5°C and +45°C in a cool, dry area
- Shelf life**
 4 years when stored as recommended

Application Recipes

- Patching & repair mortar: Portland cement 50 kg + washed sand 10 kg + water 10 L + ZycoPrime+ 6-7.5 L.
- PCC / plaster: ZycoPrime+ 100 ml per 50 kg bag of cement.
- Waterproofing membrane: cement 1 kg + washed sand 1 kg + ZycoPrime+ 1 L.
- Putty: ZycoPrime+ 125 ml per 20 kg putty.
- Bonding primer: ZycoPrime+ 1 L + water 5 L.