



A/3, Panchtirth Apartments,  
Nr. Mahalaxmi Cross Road, Paldi,  
Ahmedabad-380 007. India  
Phone : 91-79-2663 1141 (M) 098240 68278  
Fax : 91-79-2662 1078  
Web : contechchemicals.com  
Email : contechchemicals@hotmail.com  
info@contechchemicals.com



# CONBOND-SBR LATEX

Concrete Bonding agent and Waterproofer

## INTRODUCTION:

CONBOND-SBR LATEX is a styrene butadiene copolymer latex admixture designed as an integral adhesive for cement, mortars and concrete to improve bond strength, as well as chemical and water resistance. It is manufactured by employing state-of-the-art emulsion polymerization technology ensuring product consistency.

## TECHNICAL DATA

### Properties

Appearance  
Emulsifying System  
Total Solids (%)  
pH at 25°C  
Surface Tension (Dynes/cm) at 25°C  
Specific Gravity

### Specification

Milky white pourable liquid  
Synthetic anionic and nonionic  
 $47.0 \pm 0.5$   
 $9.5 \pm 0.5$   
 $40.0 \pm 5.0$   
 $1.015 \pm 0.005$

## USES:

1. Renderings and mortars for repair of worn, damaged and spalled concrete.
2. Repair of large cracks
3. Preparing polymer mortars for floor screeds, rendering, patching and repair.
4. Waterproof plasters for masonry and slurries.
5. Additive for preparing tile adhesive and grouts.

## Advantages

1. Provides excellent bond to concrete, and plaster on masonry, stone work, etc.
2. Provides waterproof screeds, plasters and Permeability slurries.
3. Compatible with all common hydraulic cements.
4. Economical to use.
5. Imparts high water/salt resistance when incorporated in a cement mix.
6. Improves workability as well as resistance to abrasion and chemical.
7. Improves flexibility and reduces cracking.
8. Greatly increases flexural / Tensile strength.
9. Excellent adhesion to steel, concrete, brick, glass, asphalt, wood.

## DIRECTION TO USE

### Surface Preparation:

While using this product as a bond coat, the concrete must be a minimum of 3 days old. The concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed.





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Chemists to the Building Industry

### Specification:

#### Preparing Bonding Primer:-

Prepare a bonding slurry coat by mixing the following by volume:

- 1 Part Conbond-SBR Latex
- 1 Part Water.
- 4 Parts Cement.

TYPE OF WORK	WET MIX		DRY MIX			
	Conbond-SBR Latex	Water	Cement	Dry Sand 0-2 mm	Stone Chips	Confiber per bag of cement
Repairing mortar of 10mm thickness	1 Part	4 Part	1 Part	3 Parts	-	125 gms
waterproof coating	1 Part	2 Part	3 Part	-	-	-
Heavy Duty floor Screed of 12 – 30 mm or of more thickness	1 Part	4 Part	1 Part	1.5 Part	1.5 Part (3-6 mm size)	125 gms

### Application:

- Apply the above prepared bonding primer on the pre wetted base with a brush immediately before laying screed mortar.
- When the primer coat is still tacky, lay the screed mortar of desired thickness by mixing wet mix with dry mix in a required qty. with a straight edge and level the same with wooden float. When it sets, trowel it smooth. The thickness of screed laid should not be more than 8mm at a time.
- For providing extra thickness the first coat should be left rough and the final layer of required thickness laid over it and finished with trowel.
- Cover the surface with wet burlap after 24 hours, for 3 days.
- Clean all the tools & equipment with water immediately after their use.

### Coverage

Slurry primer - approximately 4- 5 m<sup>2</sup>/ liters depending on substrate porosity.

### PACKAGING:

1Kg and 5Kg Jerry Cans, 10Kg Plastic Pails with pourer spout lids.

### SHELF LIFE / STORAGE:

- Storage: must be stored in a cool, dry place
- Shelf Life: Up to 12 months in unopened containers,.