



# UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

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## PRODUCT SUMMARY

[www.uclidtechnology.com](http://www.uclidtechnology.com)

## UCOBOND - SBR

CR-151

### Polymer Modifier For Cementitious Systems

#### Advantages

- \* Excellent adhesion to concrete, masonry & reinforcement.
- \* Increases flexural tensile and mechanical strength
- \* Reduces shrinkage and water permeability
- \* Improves freeze thaw resistance
- \* Excellent water - resistance
- \* Easy to apply and economical
- \* resistance to weathering and chemical attack
- \* Compatible with all hydraulic cements.
- \* Reduces W/C ratio Increases durability and toughness.

#### Product

UCOBOND- SBR is a styrene emulsion polymer bonding agent for cementitious systems.

#### Composition

UCOBOND- SBR is white liqued polymer based on styrene-butadiene rubber

#### Purpose

To provide water resistance to the concrete  
To make good defective concrete ideal as a bonding aid for concrete to concrete as well as gap filling and patch repair structural repairs

#### Packing

5, 20, 50, 100, 210 ltr. drums.

#### Coverage / Dosage

7-8 m<sup>2</sup> of rebars area / litre  
2-3 m<sup>2</sup> / litre ( 1: 1 cement : SBR)

#### Dosage

10 litre / 50kg cement.

Our Sole Distributor :

**Innovative** MARKETING

Shop No. 1, Avni Complex,  
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.  
Phone : (0260) 373551  
E-mail : inn\_marketing@yahoo.co.in

Our Dealer :

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### Description

UCOBOND-SBR is a modified polymer emulsion specially designed for use as a bonding agent to modify cement mortar/concrete.

It is useful for repairing distressed R. C. members and to modify mortars as waterproofing and flooring render. UCOBOND-SBR is the recommended primer for the cementitious repair system.

UCOBOND-SBR provides excellent bond to concrete plaster and masonry, It is compatible with all types of hydraulic cements

UCOBOND-SBR improves tensile and compressive strength which allows thin section application it is also used as curing membrane having 55% efficiency.

UCOBOND-SBR can also be used as an admixture for grouts or concrete.

### Where to use

- \* Rendering and coating
- \* For concrete repairs
- \* For Structural repairs
- \* As a bonding agent for patch repair
- \* Tile bonding
- \* Crack filling primer
- \* For Screeds, Renders, Toppings
- \* For waterproofing coating
- \* For cement injection mix

### Technical Data

Form .....	Liquid
Colour .....	White
S.P. gravity.....	1.01
pH.....	9.0±1
MFT.....	1 <sup>o</sup> c
Chloride.....	Nil

### Method of use

For Structural Rehabilitation and Repair

#### Step-1

Clean the reinforcements with wire brush to remove loose scales

#### Step-2

Apply Jet of water to remove loose particle, dust etc.

#### Step-3

Mix 1 part of O.P. cement + 1 part of UCOBOND-SBR uniformly make paint consistency and apply on reinforcement and allow it to dry for 2-3 hours.

#### Step-4 Bond Coat

Make slurry with cement & SBR where SBR modified mortar is to be applied

#### Step-5 Polymer Modified Mortar

Mix cement 50KG + Zone II sand 150 KG + UCOBOND-SBR 10Ltr. + water 5 to 7 Ltr. Apply above mortar over bond coat.

### Storage

UCOBOND-SBR has a shelf life of at least 1 year if stored in unopened container out of direct sunlight.

### Handling Precautions

Avoid contact with skin and eyes wash off affected skin with soap and water use gloves for protection .

### Important Note :-

All product should be used in accordance with manufactures instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.