

# **MCRYL ULTRA LATEX SB**

## **SBR WATER RESISTANT POLYMER CUM BONDING AID**

**Mcryl Ultralatex SB** is a styrene butadiene copolymer which is a specially modified to be compatible with cement based mixes. It is resistant to hydrolysis and can also be used for external applications.

### **PRIMARY USES:**

- Repairs of worn,damaged and spalled concrete.
- Laying screeds on new and old floors with high abrasion and chemical resistance.
- Bonding aid for floor toppings,renderings and mortars.
- Repairing cracks and crevices in concrete structure, waterproofing of water retaining structures,building terraces,basements,bathrooms,etc.

### **ADVANTAGES:**

- Excellent adhesion to most building materials.
- Improve bond,tensile and flexural strength, allowing thin application.
- Reduce water permeability.
- Improve structure durability by reducing the penetration of chlorides and other aggressive chemicals.

### **DOSAGE:**

2.5-10 Ltr/50 kg cement bag.

### **COMPATIBILITY:**

Mcryl Ultralatex SB is compatible with all types of Portland cements, sulphate resisting cement and high alumina cement.

### **DIRECTION OF USE:**

#### **A.concrete repairs:**

The area to be patched should be cleaned thoroughly and made sound chiseling off the loose particles to expose sound concrete and also corroded steel bars.clean and rusted steel bars with a wire brush or any other mechanical device. Apply primer coat on all the reinforcements and concrete to be patched by diluting 1 part Ultralatex SB to 3 part water by volume.

When the primer coat is still wet ( tacky I,e,after 15 to 20 minutes),apply bond coat by mixing cement Mcryl Ultralatex SB in the ratio of 2:1:1(cement: Ultralatex SB :water).

After the bond coat has dried (approx. 30 mins) start patching work with polymer modified morta

To the dry mix of 1 part by volume cement to 3 parts by volume sand/aggregate add 10% to 15% of Meryl Ultralatex SB by weight of cement diluted with equal volume of water. Mix thoroughly, then add additional water to achieve the desired consistency for troweling.

The applied concrete/mortar to be cured for 72 hours by light spray of water (mist curing) or by moist hessian bags.

#### **System:**

Clean the area to be waterproofed thoroughly and remove all loose materials. The cracks and crevices should be filled with cement slurry containing Ultralatex SB 10% by weight of cement. Prepare the bond coat of cement and Meryl Ultralatex SB by mixing cement to Meryl AC in the ratio of 2 kg cement to 1 kg of polymer.

Apply the bond coat about 1 mm thick on the prepared surface by 4" soft brush in one direction only. Allow the coating to air dry for about 4 to 6 hours and then apply second coat of the same mix in the direction of right angle to the first coat. Allow the second coat to air dry overnight and then cure for 72 hours by light spray of water or by moist hessian bags.

Then screed concrete can be done to protect these two layers if heavy footfalls are there.

#### **TECHNICAL DATA:**

Colour	: White emulsion
Consistency	: viscous liquid
pH	: 8 to 10
Sp. Gravity of 25°±2°	: 1.1±0.01
Viscosity	: 18 to 22 cps
Application temperature	: above 5°C
Coverage	: 40 to 50 sq. ft/kg for three coats.

#### **Packaging :**

200ml, 500 ml, 1 kg, 5kg, 20 kg, 50 kg, 220 kg

#### **STORAGE:**

Minimum shelf life of 18 months in unopened original condition protected from sunlight and temperature extremes.

**SAFETY PRECAUTIONS:** *Mcryl Ultralatex SB is a water based and non hazardous. However it should not be swallowed or allowed to come in contact with skin and eyes.*

**MEGHNA RASAYAN PRIVATE LIMITED**

(ISO 9001 & 14001 CERTIFIED COMPANY)

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