

## MEGACRETE-SBR

### *SBR LATEX FOR WATERPROOFING AND REPAIRS*

#### **DESCRIPTION:**

**MEGACRETE-SBR** is a styrene butadiene latex based, ready to use polymer which is used for waterproofing and repairs.

#### **ADVANTAGES:**

- ✓ Single component, ready to use liquid
- ✓ Strong bonding agent
- ✓ Reduces shrinkage and thus development of cracks in concrete
- ✓ Excellent bonding to a variety of substrates such as concrete, masonry, stonework, plasters, cementitious surfaces, asphalt & most of the building materials.

#### **AREAS OF APPLICATION:**

**MEGACRETE-SBR** is primarily used for spalled concrete structures such as beams, columns, chajjas, parapets etc. It is also used for waterproofing of terraces, sunken slabs, chajjas, etc. Furthermore, it is used as a bonding agent for tiles, panels, bricks, stones etc.

#### **SPECIFICATIONS:**

Appearance	Milky white liquid
Base	Styrene Butadiene Rubber
Specific Gravity (g/ml)	1.033
Pot Life	30 – 45 minutes at 30 °C
Coverage	50-55 sq.ft./litre/coat
Bond Test (Pulloff Adhesion @ 28days (N/mm <sup>2</sup> ))	2.15 ± .05
Mixing Ratios :	
-Repair and patching	OPC-50kgs, Sand-150kgs, Water-10 litres, Megacrete-SBR- 10 Litres.
-Flooring Screed	OPC- 50kgs, sand-75 kgs, granite chips-75kgs, water-6 litres, Megacrete-SBR- 10 litres
-Renders	OPC- 50 kgs, sand-150kgs, water- 6 litres, Megacrete-10 Litres
-Bonding Mortar	OPC-50kgs, sand-150kgs, water- 7 litres, Megacrete-10 litres

### **PREPARATION:**

Make sure the surface is clean of all loose particles, dirt, dust, oil, grease etc. Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance & dust. Repair the spalled concrete portion and make sure it is fully prepared for the above application. This is necessary for strong bonding. Clean the concrete surface to remove any contamination where breaking is not possible. Expose corroded rebar in the repairing area fully. Remove all loose scales & corrosion deposits and immediately clean the surface. Apply EP Zinc Primer on the exposed reinforcement bars.

### **METHOD OF APPLICATION:**

Mix Megacrete-SBR, Water and Cement in the ratio mentioned in the table above. To mix, add Megacrete-SBR as per recommended dosage into cement. Further, add water and keep stirring until desired consistency is achieved. If the quantity of desired mixture is more than 25-30 kgs, mixing with machine mixer is recommended. Do not add more water than what is recommended. Once a smooth consistency is obtained, start application on the desired surface. Follow recommended dosage of MEGACRETE-SBR mentioned in the above table to achieve desired results.

### **CLEANING OF TOOLS:**

Clean hands tools with water immediately, any hardened material in the area can be removed by spatula, scrapper, etc.

### **SAFETY PRECAUTIONS:**

Keep away from naked flames/lights. Do not smoke near application area. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

### **PACKING:**

Available in 20, 50, 100 & 200 Litres.

**WARRANTY CLAUSE:** *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*