

BOND SBR 208

SBR FOR WATERPROOFING AND REPAIRS



Description

Bond SBR 208 is a milky-white, Styrene Butadiene rubber emulsion, produced from styrene and butadiene. It is specially designed for use as a bonding agent in liquid consistency. It is used for repair of spalled concrete – floors, columns, beams, chhajjas, slabs. Waterproofing of toilet & bathrooms, small terraces etc. It bonds strongly to old & new concrete and to plaster. It reduces shrinkage, prevents cracking & improves abrasion resistance.

Features and Benefit

- Multipurpose – It is multipurpose & economical product, easy to use.
- Easy to Mix - Faster mixing to enhance worker efficiency.
- Cracking - It prevents cracking by improving flexural strength
- Mortar modifier- Improved flexibility, no bleeding, lower water cement ratio and high resistance to water penetration.
- Improves physical/mechanical properties – higher abrasion resistance, good adhesion to building materials similar thermal characteristics to concrete.

Recommended Substrates

- Multi-purpose use as a bonding agent, modifier for cement-sand & concrete mixes in building repairs.
- Cement Screed
- External Top terrace.
- Water Tanks

Areas Of Application

- For concrete repairs - Spalled concrete of floors, columns, beams, chajja, slabs, parapets, etc.
- Bond Coat : For bonding new concrete to old concrete, plaster, stone/brick masonry
- Waterproofing: Basements side walls and rafts, lift pits, inspection pits, sunken / overhead water tank, sunken portions of bathrooms and toilets, balconies, chajjas, exposed roofs before finished screed.
- Other typical applications: Fixing or re- fixing of slip bricks, tiles, stones & marble bedding.

Application Methodology

- **Surface Preparation**
 - Remove all loose concrete, grease, mould oil or curing compound from concrete and steel surfaces using wire brush, scrubber.
 - Repair the spalled concrete portion by saw, cutting the extreme edges of the repair location to a depth of at least 10 mm to avoid featheredging & to provide strong bond.
 - Clean the concrete surface to remove any contamination where breaking is not possible. Roughen the surface by light scrubbing or grit blasting.
 - The surface should be thoroughly saturated with potable water. Remove any excess of water prior to application.

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• Priming

For priming of concrete substrate, the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application. Slurry of primer coat is prepared by mixing of one part Bond SBR 208, one part of water and 3 part of OPC cement. Slowly mix cement with binder to obtain lumps free & consistency.

Application

SR.No	AREAS OF APPLICATION	MIX (BOND SBR : WATER : CEMENT)
1	As bond coat	1kg Bond SBR 208+ 4 lit Water + 7 kg Cement
2	Heavy duty floor screed	10 kg Bond SBR 208 + OPC 50 kg + 6 lit Water + 75 kg zone II sand + 75 kg Granite chips
3	Renders, Patching & Crack Repair Mortar	10 kg Bond SBR 208 + 10 ltr Water + 50 kg Cement + 150 kg Sand
4	As waterproof plaster /repair plaster	50 kg OPC cement + 150 kg Sand + 1 kg Bond SBR 208+ 20 ltr Water

Coverage

- Bonding Coat : 4 to 4.5m² for mix of 1 kg Bond SBR 208 and 1.5kg of cement.
- Waterproofing Slurry : 2 m² in two coats for mix of 1Kg Bond 208 SBR and 2kg of cement.
- Repair Mortar/Concrete Screed : 10 kg Bond SBR 208 per 50kg of cement.

Technical Information

Chemical Composition	: Styrene Butadine Rubber
Physical Appearance	: Milky White Emulsion
Solid Content	: 48 – 50%
Viscosity	: 200 cps Max
pH	: 8 –9

Packaging

Bond SBR 208 available in 20kg, 50kg & 220kg HDPE Drums.

Shelf Life

Bond SBR 208 has a shelf life of 12 months if kept in a dry store in unopened condition

GLOBE CONSTRUCTION CHEMICALS

An ISO 9001 : 2015 Company

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