



InnoChem
Smart Solutions, Strong Foundations

1ST FLOOR, GALA NUMBER 119, VAPI CO-OP INDL SOCIETY, GIDC, PLOT NUMBER 99, VAPI, VALSAD 396195.

InnoChem SBR LATEX

TOUGH. TRUSTED. TESTED.

1.DESRIPTION -

SBR is a single component, polymeric synthetic rubber emulsion (SBR), which can be added to any Cementous formula on, to achieve bonding and waterproofing properties. It is used for repairs of spalled concrete such as – floors, columns, beams, slabs and waterproofing of toilets/bathrooms, terraces. It bonds strongly to old and new concrete and plaster.

2.INDICATIVE CHARACTERISTICS -

Form	Milky White liquid
Specific Gravity @30°C. gms / ml	1.00 - 1.05
pH	7 – 9
Bond Strength kg/cm ²	Not Less than 30
Flexural Strength at 28 days	Not less than 70

3.DOMIAIN OF APPLICATION -

In rendering / plastering work on all brick walls in Residential and Industrial Structures. In silos, basement structures and for damp-proof course in residential buildings. For repair / maintenance work of existing damp wall, saltpeter in brick work. As an integral damp proofing /waterproofing compound in concrete for roof, slab etc. In marine structures and seafaring buildings.



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4.METHOD OF APPLICATION

4.1.IN CEMENT SLURRY

In Cement Slurry Dilute 100 gms. SUPER LATEX with 400 gms. Of clean water. Pour 1 kg. Cement to this milky solution and keep mixing it forms a uniform slurry. This slurry will cover about 2 m² and it will form an excellent bond coat, on which an overcoat can be applied, while the bond coat is tacky.

4.2.IN CEMENT GROUT

SBR can be added to freshly prepared grout and used either for Pocket grouting, base-plate grouting or for inject on purposes.

FOR INJECTION GROUTING: Mix 2 to 3 kg. Latex per bag of cement, along with other grouting admixtures. FOR BASEPLATE and POCKET GROUTING: Dilute Latex with gauging water in the ratio 1:8.

4.3.AS DIRECT BOND COAT-

The surface should be thoroughly cleaned and roughened for mechanical key. Mix 2 parts of cement with 1 part of diluted SBR (Latex: Water =1:1 to 1:4,) and apply evenly over the substrate, using a brush. The new top coat should be applied when this primer coat is still tacky. As a prime coat for bonding, consumption of SBR will be about 200 to 300 gm/ m² depending on the porosity of the substrate.

4.4.AS MORTAR RENDER -

Dilute SBR with water. Add this diluted solution of SBR to cement – sand mixture, the mixture will become creamy and user friendly. Masons. Enjoy using this, as the speed of plastering also increase. Dilution on of SBR with water can be done in the ratio of 1:2 to 1:10 depending on the severeness of the water seepage.

4.5.AS PUTTY FOR JOINTS -

Mix SBR with water in the ratio 1:1 to form liquid A. Mix one part cement to three parts of sand to form powder B. Mix A:B in the ratio 1:8 to form a mortar of putty consistency, for application in joints. Apply putty y in SSD condition a er proper nosing of joints; cure for 28 days.



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5.FEATURES

- 1.Multipurpose – It is multipurpose & economical product, easy to use.
- 2.Cracking – It prevents cracking by improving flexural strength.
- 3.Hardness – Improves the hardness & prevents dust generation.
- 4.Shrinkage – Reduces drying & aging shrinkage cracks.
- 5.Bonding – Bonds strongly to concrete, masonry, stone work, plasters, steel & most of the building materials.
- 6.Erosion & corrosion – Improves erosion resistance & prevents corrosion.
- 7.Abrasion resistance – Improves abrasion resistance of cement mix.
- 8.Waterproofing - Prevents leakage & dampness.
- 9.Durability - Enhances strength of a repair mortar & provides durability.
- 10.Rebound loss - Less material wastage- material does not fall back/ rebound, when used as bonding agent

6.PRECAUTION AND LIMITATION-

Recommended dosage to be followed to achieve desired results. When working in hot temperature conditions, extra water may be added to the repair mortar to compensate for the evaporation loss & make the mortar workable.

The information contained in this sheet is given to the best of our knowledge and the results from extensive testing to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory.