

BondChem

PRODUCT DATA SHEET

SBR Latex (Water Resistant Admixture for Mortars.)

DESCRIPTION : **BondChem SBR Latex** is a specifically designed synthetic rubber emulsion for adding to cement mortars where good adhesion, water resistance, increased flexural and tensile strengths are required.

USES : **BondChem SBR Latex** is a high quality emulsion that substantially improves the qualities of cement mortars , such as :

- Thin layer patching mortars
- Renders
- Floor screeds and toppings
- Tanking and Waterproofing
- Concrete repair mortars
- Corrosion protection of steel
- Abrasion resistant linings
- Tile fixing mortars
- Masonry mortars

ADVANTAGES : **BondChem SBR Latex** modified cement based mixes provide the following properties:

- Extremely good adhesion
- Reduced shrinkage
- Increased flexural strength
- Increased tensile strength
- Prevents bleeding
- Excellent water resistance
- Increased corrosion protection
- Lower water-cement ratio
- Increased abrasion resistance
- Improved Chemical & Mineral oil resistance
- Greatly enhances resistance to water borne salt penetration
- Does not re-emulsify, even in high alkaline conditions
- Can be used with mortars in contact with potable water
- Non-corrosive
- Ready for use

TECHNICAL DATA

TYPE	White Styrene Butadiene co-polymer Emulsion.
CHLORIDE CONTENT	Nil
SHELF LIFE & STORAGE	12 months minimum if stored properly in original unopened packing in dry conditions and Away from direct sunlight.

PACKAGING 5 kg jerry cans, 20 kg jerry cans / pails and 200 kg drums.

Chemically Engineered Products

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•www.Bond-Chem.com

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APPLICATION

Substrate preparation Concrete surface should be clean, sound and free from oil, grease, cement, laitance and all loosely adhering particles. It should be in saturated surface dry condition (SSD)

Mixing BondChem SBR Latex should be incorporated into the mix at between 10 to 20 kgs per 50 kg cement and should be added directly to the premixed dry ingredients in the mixer. Water should then be carefully added to bring the mortar/concrete to required consistency. Do not add water too quickly as this may cause rapid thinning. Always stir before use. Mixing should be preferable carried out in a forced action mixer, a Creteangle is recommended. However, handbatching is permissible when the total weight is not more than 30 kgs.

Application For all application apart from sprayed on renders, it is recommended (may not be necessary) that a bonding bridge is brushed into the prepared surface.

Bonding bridge

Cement : sand : liquid (1 part Bondchem SBR Latex & 1 part water) =1:1:1
(by volume) OR

cement : sand : liquid (1 part Bondchem SBR Latex & 1 part water) =1.5:2:1
(by weight)

Apply the slurry onto the prewetted substrate in 1-2 mm thickness and place subsequent mortar renders immediately (wet onto wet application)

Cleaning Clean all equipment and tools immediately after use with water.

Safety

Precautions Contact with skin,eyes mucous membrane may cause irritation. Wear gloves and goggles. In case of contact rinse with plenty of water and seek medical help.

Ecology Do not dispose of into water or soil but according to local regulations.

Toxicity Non-toxic under the relevant health and safety codes.

Transportation Non-hazardous.

General Note :

This leaflet is a guide for the use of the product concerned. Whilst the information and/or specification given are to the best of our knowledge true, accurate and in accordance with latest technical developments, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use, method of application and any labour involved are beyond our control.

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