SBR - 202

CHEMLAND CHEMICAL TECHNICAL DATA SHEET

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JHOTWARA INDUSTRIAL AREA, JAIPUR

Chemland Solid Bond SBR – 202

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UNIVERSAL REPAIR POLYMER

Chemland Solid Bond SBR - 202 ready to use high performance SBR based latex. It is used for repair of spelled concrete, floor, columns, chhajas, slabs and waterproofing of toilets and bathrooms, small terraces etc. as it bonds strongly to old and new concrete and to plasters.

PRODUCTS FEATURES

- Abrasion resistance
- Excellent adhesion
- Prevents Cracking
- Excellent fluidity
- Multipurpose

APPLICATION AREA

- FOR WATERPROOFING – Small roof terraces, sunken portion of toilets and bathrooms, chajja and lift pits, balconies
- AS A BOND COAT – For bonding of new concrete to old concrete, masonry stone, plastering
- FOR CONCRETE REPAIRS – Spelled concrete of floors, columns, beams, chajja, slabs, parapets, etc.
- For external Cladding and rendering

HOW TO APPLY

Surface Preparation

- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance and dust. Degrease the surface by using suitable solvents, if required.
- Repair the spelled concrete portion by saw, cutting the extreme edges of the repair location to a depth of at least 10 mm to provide strong bond.
- Clean the concrete surface to remove any contamination where breaking is not possible, roughen the surface by light scrabbling or grit blasting.
- Before application the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application.

METHOD OF APPLICATION

Waterproofing coating

- For waterproofing, mix Chemland Solid Bond SBR – 202 : cement in the ratio 1:1.5.
- Mix for 2-3 minutes to avoid air entrapment, add cement slowly to Chemland Solid Bond SBR - 202 until the required consistency is achieved
- Apply 2 coats of the mix by brush in a span of 4-6 hours on the prepared concrete substrate
- Overlay the coating with a protective screed to the desired slope and thickness.

Bonding Agent

- For bonding primer coat mix Chemland Solid Bond SBR – 202 : Cement in the ration of 1:1
- Brush apply 1 continuous coat of the mix on the prepared concrete substrate
- Ensure to overlay the repair mortar when the bond coat is still tracky

Repair Mortars

Mix 10kg of Chemland Solid Bond SBR - 202 in mixture of 50 kg cement and 150kg sand along with 10kg water to achieve workable consistency.

Screeds and Concrete

Mix 10kg Hi-Tech SBR-100 in mixture of 50kg cement, 75kg sand and 75kg aggregates (5-6mm) along with up to 10kg water to achieve workable consistency.

MIXING AND APPLICATION

- A forced action mixer is essential to ensure that Chemland Solid Bond SBR - 202 is thoroughly mixed.
- Hand mixing is permissible only for 25kg or less quantity.
- Charge the mixer with required quantity of clean and dry sand (or coarse aggregates as needed). Cement and mix for 1-2 minutes, then add the recommended dosage of Chemland Solid Bond SBR – 202 dispensed in water which is pre-batched. Mix for 2-3 minutes to avoid air entrapment .
- Keep on slowly adding water until the required consistency is achieved.

SAFETY AND ENVIRONMENT

Health and safety **:**
Wear appropriate attire especially gloves, mask and eye protection while application, in case of eye contact rinse immediately with water and seek immediate medical treatment.

Cleaning

Wash all tools with clean water immediately after application.

Storage condition

- Suggested to store in cool, dry and well ventilated place away from heat sources.
- Keep container tightly closed in secure upright position.
- Do not store near need drinks or animal feed.
- Keep out of reach of children.

Shelf Life

1 year from the date of manufacture in original tightly closed container.