



Jubiguard

CRETESHIELD SBR

SBR LATEX FOR WATERPROOFING & REPAIRS



JUBIGUARD CRETESHIELD SBR is based on modified styrene-butadiene latex supplied as a ready-to-use, single-component liquid additive. It is employed for repairing spalled concrete in floors, columns, beams, chhajjas, and slabs. This product forms an excellent flexible slurry with cement, serving as a waterproof coating for toilets, bathrooms, small terraces, etc. It strongly bonds to both old and new concrete, as well as plasters. Additionally, it reduces shrinkage, prevents cracking, dust pick-up, and improves abrasion resistance.



Application Areas

- **Concrete/ mortar repairs** – RCC members, Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets, etc.
- **Waterproofing** – Small Roof Terraces, Sunken Portions of Toilets & Bathrooms, Chhajjas & Lift Pits, Balconies, Staircases, Liquid & Effluent Tanks, Basement Side Wall, Car Decks & Walkways.
- **As a bonding agent** – Bonding mortar for tiles & panels, as undercoat for special finishes such as top rendering coat for chemical resistant floors.
- **As a bond coat** – For bonding of new concrete to old concrete, masonry stone work, plastering.
- **For cladding** – Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.
- **As external rendering** – Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead application
- **For cementitious grouting** – It can also be used as additive polymer for cement base injection grouting
- **For Crack filling** - Can be used for cracks more than 10 mm.
- It can be used as Anti-Corrosive Coating for reinforcement



Technical Details

Properties	Values	Test Standards
Colour	White	-
Consistency	Liquid	-
Density	1.00 ± 0.05 g/ml	ASTM D 1475-98
Solid Content	40 ± 2%	ASTM D 1644
pH Value	7.7	-
Viscosity	1300 - 2200 cPs	ASTM D 2196
Water Vapour Transmission	0.97 g/h-m ²	ASTM E 96
Dry to Touch Time	5 Hours @22°C	ASTM C191-82



Pack Sizes

0.5 kg, 1 kg, 5 kg, 10 kg, 20 kg & 50 kg



Features



Multipurpose
It is economical product, easy to use and has multiple applications.



Shrinkage
Reduces drying & aging shrinkage cracks.



Cracking
Reduce cracking by improving flexural strength.



Erosion & Corrosion
Improves erosion resistance & prevents corrosion.



Hardness
Improves the hardness & prevents dust generation.



Abrasion resistance
Increase abrasion resistance of the cement mix.



Bonding
Strong bond to concrete, masonry, stonework, plasters, and most building materials.



Grouting
Reduces viscosity of cement injection grout for better fluidity & bonding.



Coverage

- For waterproofing applications 2.5 to 3 sqm/kg in two coats



Dosage

- As a Waterproof Coating:** Mixing Ratio is 1:2 (JUBIGUARD CRETESHIELD SBR : Cement) by volume.
- As a Bond Coat:** Mixing Ratio is 1:1 (JUBIGUARD CRETESHIELD SBR : Cement) by volume
- As a Repair Mortar:** 6-7% JUBIGUARD CRETESHIELD SBR by weight of cement

Coverage depends on the porosity of the surface and the method of application. The coverages mentioned are theoretical and based on test conditions. It is strongly recommended to conduct a site trial before mass application to ensure optimal results.



Shelf life



Best before 18 months
in sealed pack under proper storage.

- Failure to comply with the recommended storage conditioning may result in premature deterioration of the product or packaging.



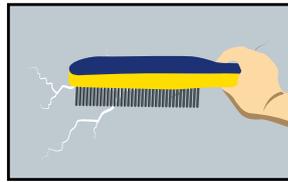
Health & Safety

- Use protective clothing such as rubber hand gloves & safety goggles, while using JUBIGUARD CRETESHIELD SBR.
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children



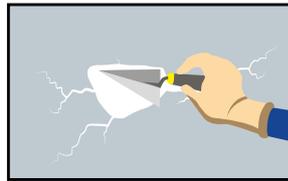
Method of Application

Surface Preparation



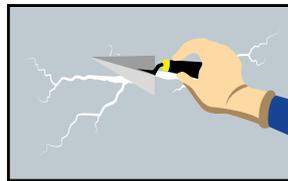
Prepare the surface by cleaning, degreasing, saw-cutting, and roughening to ensure strong adhesion and corrosion-free repair.

Bonding Agent



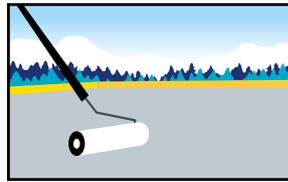
Mix equal parts JUBIGUARD CRETESHIELD SBR and cement, apply as a bond coat on a damp surface, add new material while tacky, and reapply if needed within 20 - 30 minutes.

Modifier for repair plaster, concrete & mortar



Add 750 gm-1 kg JUBIGUARD CRETESHIELD SBR per 50 kg bag of cement for plaster, and 3 kg-3.5 kg per 50 kg bag of cement for mortar mix.

Waterproof Coating



Create a 1:2 slurry of JUBIGUARD CRETESHIELD SBR and cement, apply two coats with drying intervals, perform 24 hour moist curing, and allow 3-5 days of air curing before adding a protective screed.



Precautions & Limitations

- 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



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For Feedback/complaints, write to Product Manager, CPD, Jubilant Agri and Consumer Products Limited

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