



Jubiguard

ACRACRETE

Acrylic polymer waterproofing for protecting concrete & masonry



JUBIGUARD ACRACRETE is a single-component, 100% acrylic-based polymer modified cementitious flexible composite coating system. Ideal for waterproofing terraces, balconies, and roof slabs, it also serves well in cement mortar patching and resurfacing. The polymer in JUBIGUARD ACRACRETE not only expands its potential applications but also improves the properties of cement slurry, mortar, and concrete, making it an excellent choice for both new construction and renovation projects.



Application Areas

- For repairing Concrete/Mortar, including RCC members, Spalled Floors, Columns, Beams, Chhajjas, Slabs, Parapets, etc.
- For waterproofing Roof Terraces, Sunken Portions of Toilets and Bathrooms, Chhajjas, Balconies, Staircases, Basements, Car Decks, and 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 Crack filling - Can be used for cracks more than 10 mm.
- Used for protection of concrete against corrosion, salt attack etc.



Technical Details

Properties	Values	Test Standards
Colour	Milky White	-
Density	1.0 ± 0.05 g/ml	ASTM D 1475
Solid Content	30±2%	ASTM D 1644
Viscosity	25-50 cps	ASTM D 2196
Touch Dry Time	5 Hrs @ 22°C & RH 50%	-
Application temperature	10°C to 50°C	-
Service temperature	-5°C to 60°C	-



Pack Sizes

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



Features



Excellent Waterproofing

Durable, flexible, breathable waterproofing for residential, industrial, housing & commercial buildings.



Erosion and Corrosion

Will not rot or corrode



Salt Protection

Reduces or prevents salt penetration into concrete.



UV Resistance

Ideal for exterior coating, unaffected by ultraviolet light.



Easy to Apply

Can be applied in uniform thickness to horizontal and vertical surfaces.



Low VOC

As the coating is water-based.



Excellent Bonding

Bond strongly to concrete & most of the building materials.



Excellent Resistance

Offers chemical resistance from mild acids to strong alkalis.



No Blistering

Allows trapped vapour to escape thus preventing peeling and blistering.



Non-combustible

Non-flammable and does not give off toxic gases, when exposed to fire.



Wet Area Application

Highly durable in continuous wet condition.

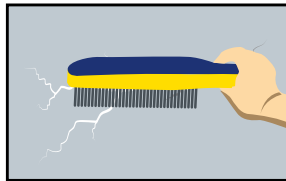


Non-Hazardous

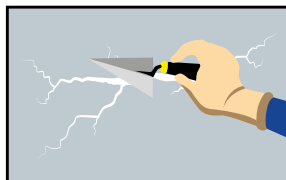
Not harmful to the health of workman.



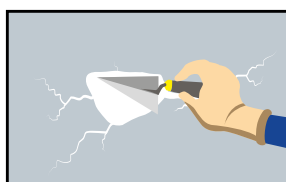
Method of Application



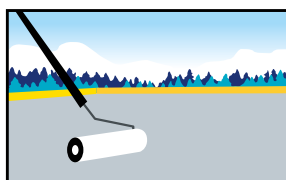
Clean surface thoroughly: remove loose paint, dust, and grease. Use wire brushing or high-speed water jet.



Check substrate with a small hammer for soundness. Treat cracks at corners, channels, and parapets carefully.



Use JUBIGUARD CRACKFIX for up to 10 mm cracks. Repair larger cracks, damaged areas, and hollow spaces with polymer- modified cement mortars.



Apply first coat of JUBIGUARD ACRACTETE as per recommended ratio on surface and allow it to dry. After 4-6 hrs of first coat, apply second coat and then again allow it to dry for 5-6 hrs. If needed, apply third coat.



Coverage

- JUBIGUARD ACRACTETE 1 Ltr mixed as per recommended dosage will cover approx. 4.5 sqm to 5.0 sqm areas in 2 coats depending upon the porosity of the surface.
- JUBIGUARD ACRACTETE Brush topping

Material	Quantities of Material in Kg for one cubic meter	1 sqm of 1.5 mm Thickness
JUBIGUARD ACRACTETE	430	0.65
Cement	860	1.3
Fine Silica Sand	860	1.3
Total Weight (kg)	2150	3.25



Dosage

- Primer Coat:** Mixing Ratio is 1:3 (JUBIGUARD ACRACTETE : Water) by volume
- Waterproof Coating:** Mixing Ratio is 1:2 (JUBIGUARD ACRACTETE : Cement) by volume.
- Bond Coat:** Mixing Ratio is 1:2 (JUBIGUARD ACRACTETE : Cement) by volume
- Repair Mortar:** 8-10% JUBIGUARD ACRACTETE 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.



Health & Safety

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



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.



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.

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

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