



Jubiguard RAINFIX

HIGH PERFORMANCE EXTERIOR WATERPROOF COATING

Jubiguard RainFix is composed of high-quality acrylic emulsion polymer, light-fast, and weather-durable pigments, properly selected and graded fine fillers, additives, and biocides. Its exceptional flexibility and thixotropic properties make it ideal for both vertical and horizontal applications. It offers durable and long-lasting waterproofing due to its higher film thickness. Moreover, it exhibits excellent flexibility, breathability, water and low dirt pick-up, crack-bridging capability, weathering durability, and resistance to the growth of micro-organisms.



Application Areas

Jubiguard RainFix is used as Waterproofing and protective coating for the following structures:

- **Waterproofing of external walls:** All types of Exterior Masonry Surfaces, Concrete, Cement Sand Renderings, Existing Coating, Sunshades, and Parapet Walls Etc.
- **Metal shed protection:** Ensures effective waterproofing for MS/AL Sheds, preventing rust and deterioration.
- Applicable on cement sheets



Technical Details

Properties	Values	Test Standards
Colour	Milky White	-
Consistency	Thixotropic Paste	-
Density	1.30 ± 0.05 g/ml	ASTM D 1475
Solid Content	55 ± 5%	ASTM D 1644
Viscosity (SP6, RPM20)	15000-20000 cPs	ASTM D 2196
Tensile strength	(1.51±0.10)N/mm ²	ASTM D 638
Tear Resistance	(10±1.0) KN/m	ASTM D 624
Elongation at Break	(200±10)%	ASTM D 412
Shore A Hardness	30	ASTM D 2240
VOC content	<1 g/lit	ASTM D 2196
Water Vapor Transmission	0.46 g/h-m ²	ASTM E 96
Crack bridging ability	<2.0 mm	ASTM C 836
Touch Dry	8-10 Hrs @28°C	-
Full Cure	24 hours	-
Service temperature	5°C to 60°C	-



Pack Sizes

1 L, 4L, 10L & 20L



Features



Excellent Waterproofing

Higher film thickness provides crack bridging ability, waterproofing properties



Anti-Carbonation

Resistant to carbon dioxide and chloride ion diffusion, protecting re-bars from corrosion.



UV Resistant

Resistant to UV and weathering, with excellent colour retention for a long-lasting attractive finish.



Excellent Bonding

Bond strongly to concrete & most of the other substrates



Crack Bridging

Flexible and covers hairline cracks effectively, thus prevents ingress of water.



Microbial resistance

Resistant to fungus and algae, preserves aesthetic value.



Excellent Elongation

Highly elastic, tough, and flexible, withstands thermal expansion and contraction stress.



Excellent Resistance

Resistant to acids, hydrocarbons, sulphates and chlorides.



Easy to Apply

User-friendly, applicable by brush, roller, or spray.



Toughness

Tough film withstands wind driven rain



Low Dirt Pickup

Resisting dirt accumulation is better



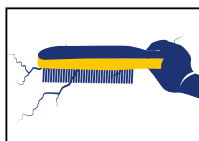
MSA Technology

Adheres to various surfaces



Method of Application

Surface Preparation



Prepare substrate: Remove debris, oils, previous coatings. Treat fungal growth. Inspect for cracks, hollow areas. Repair with Jubiguard products: Crackshield Paste for cracks ≤ 10 mm, Creteshield SBR for cracks > 10 mm. Polymer modified mortar for damaged portions.

Priming



Apply Jubiguard Fixprime Primer on SSD substrate. Dilute 1:1 with water, mix well. Remove dust with air blower. Coverage: 8-10 sqm. Allow 4-6 hours drying before applying acrylic coating.

Waterproof Coating (7 Year Warranty)



Stir JUBIGUARD RAINFIX before use. To make it brushable, add 10-15% water. Apply each coat at 6.0-6.5 sqm/kg for a Dry Film Thickness of 60-70 microns. Apply a second coat after 6-7 hrs. Fully cure for 24 hours @28°C for optimal performance.

(10 Year Warranty)

Apply JUBIGUARD DAMPRELIEF at 0.35 kg/m² for 120-150 microns DFT after primer. Add 10-15% water to make JUBIGUARD RAINFIX brushable after base coat dries. Apply second RainFix coat with 6-8 hrs intervals, aiming for 60-70 microns DFT at 6.0-6.5 sqm per litre/coat. Apply 2 coats for horizontal surfaces and parapet tops. Extra RAINFIX coats recommended for rain lashing walls, chajjas, and parapets. Fully cure for 24 hrs @28°C for best results.



Application Process

Warranty in Years	Surface Condition	Primer Jubiguard FixPrime	Base Coat Jubiguard Damprelief	Finish Coat Jubiguard Rain Fix	System Thickness
7 Years	Fresh Painting	1 coat (with 100% water dilution)		2 Coats 6.0-6.5 sqm/kg to attain DFT of 60µ per coat. Total DFT in 2 coats is 120µ-140µ	135µ - 160µ
	Re painting				120µ - 140µ
10 Years	Fresh Painting	1 coat (with 100% water dilution)	1 coat 0.35 to 0.40 kg/m ² to attain DFT of 120µ - 150µ)	1 Coats 6.0-6.5 sqm/kg to attain DFT of 60µ to 70µ per coat.	200µ - 230µ
	Re-painting				200µ - 230µ



Coverage

- **3-3.5 sqm/kg/2 coats** recommendations. However, actual coverage may vary depending on the surface texture, porosity, and condition.

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.

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Precautions & Limitations

- Recommended dosage to be followed to achieve desired results.



Health & Safety

- JUBIGUARD RAINFIX is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised.
- Use protective clothing such as rubber hand gloves & safety goggles, while using JUBIGUARD RAINFIX.
- In case of contact with skin, wash with plenty of water.