



Jubiguard CRACKSHIELD POWDER

HIGH STRENGTH POWDER CRACKFILLER FOR CRACKS IN INTERNAL AND EXTERNAL SURFACES.

JUBIGUARD CRACKSHIELD POWDER is a cement-based, polymer-modified material for filling cracks in plastered surfaces. Comprising cement, selected aggregates, polymer, and additives, it only requires on-site addition of water. Ideal for filling 3 to 5 mm wider static cracks, it enhances the quality and longevity of subsequent paint jobs.

Application Areas

- To fill the static cracks of 3 to 5 mm sizes in horizontal or vertical areas of buildings & structures.
- To level the undulation of the Unplastered or Plastered Ceilings and Walls before Painting.
- To provide smooth finish to Brick, Stone, and Wood Works.
- As an excellent sculpting material.

Technical Details

Properties	Specifications	Result
Type & nature	Milky White	Single Pack powder
Appearance	Powder	Free Flow Powder
Colour	Whitish	White
Mixing ratio for surface levelling		2 parts Powder & 1 part water by weight
Crack filling		2.5 parts powder and 1 part water by volume
Bulk Density		1.30 to 1.60
Application Life @ 25°C, minutes		More than 20
Setting time @ 25°C, hours		3 hours
Paintability		Paintable
Adhesion		Excellent adhesion to Most Building material.



Pack Sizes
0.5 kg, 1 kg, 5 kg & 20 kg



Features



Strong Adhesion
Excellent adhesion on wood grain, pipe lagging, and common building substrates.



Paintability
Over-coatable by any type of polymer-based paints after 24 hours.



Permanent crack filling ability
Polymer-modified properties provide long-lasting, permanent crack sealing.



Cost saver
As a surface leveller before painting, it reduces paint consumption and extends paint life, making it economical.



Easy to use
DIY product, just add water onsite.

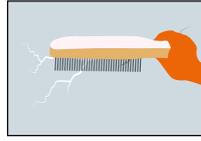


Eco- friendly
Contains no solvent, hence no emissions of vapours.



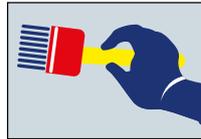
Method of Application

Surface Preparation



Identify cracks and cut them into V-shaped grooves using mechanical grinders. Ensure the surface is free from oil, grease, or loose debris. Wash the surface with water and ensure it is saturated and dry before application.

Primer Coat



Under normal conditions, JUBIGUARD CRACKSHIELD POWDER does not require a primer. However, in critical areas, JUBIGUARD FIXPRIME primer can be used based on the severity of the surface and application.

Application



For crack filling: Fill the mixed paste into the crack using a spatula or putty knife blade. Remove excess material and tool it with the putty knife blade to press against the crack, ensuring air voids are filled. Use a wet finger to shape the surface into a concave form by pressing against the joint edges.

For surface levelling: Apply the smooth mixed paste onto the dampened wall or ceiling using a painter blade. Ensure the material is applied at the desired thickness in a bottom-to-top fashion to avoid blade marks. For multiple coat applications, allow the previous coat to cure for a minimum of 6 hours. Apply subsequent coats at right angles to the previous coat.



Dosage & Coverage

- **Mixing Ratio is 2 parts Powder & 1 part water by weight.**
- **The coverage varies with different application.**
For crack filling: 1 kg powder with 500 ml water will fill a crack of 5 mm width by 5 mm depth up to 37.5 linear meter.



Shelf life



Best before 12 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

- JUBIGUARD CRACKSHIELD POWDER 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 CRACKSHIELD POWDER.
- In case of contact with skin, wash with plenty of water.



Precautions & Limitations

- Recommended dosage to be followed to achieve desired results.

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

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