

Kesari Aqua Bright

Kesari Aqua Bright is an advanced, high-performance exterior wall protective waterproof and decorative coating. It is engineered to prevent moisture intrusion and seepage through hairline cracks on external plastered masonry and Mivan concrete surfaces, offering outstanding weather durability, flexibility, and aesthetic retention.

1. Product Technical Overview

Technical Parameter	Description / Specification
Product Name	Kesari Aqua Bright
Nature / Form	Single-component, self-priming white emulsion liquid paint
Packaging Sizes	Available in 1 kg, 5 kg, and 30 kg containers
Shelf Life	6 months under ideal storage conditions
Coverage	Approx. 30 to 35 sq. ft. per kg in 2 coats (including self-priming coat)
Core Functions	External wall decorative waterproofing, anti-carbonation barrier, crack-bridging protection, and anti-fungal/anti-algae exterior finish.
Key Advantages	Exceptional UV resistance, barrier against carbon dioxide/chloride ions, weather durability, crack-bridging ability (>2 mm), and low dirt pickup.

2. Core Application Systems & Execution Protocol

Kesari Aqua Bright is formulated for application across all types of exterior masonry surfaces, concrete, cement-sand rendering, Mivan concrete walls, and asbestos sheets.

STEP 1: Surface Preparation

- Ensure all target surfaces are completely dry, structurally sound, and free from contaminants such as oil, grease, loose particles, decayed matter, and laitance.
- Clean surfaces mechanically using wire brushes or shot-blasting, followed by thorough vacuum cleaning to eliminate all loose dust and residue.
- Treat any existing moss, algal, or fungal growths using a proper biocide wash and allow to dry completely.
- Repair and fill all structural surface cracks using **Kesari Flexi Proof modified mortar** prior to coating application.

STEP 2: Self-Priming Coat

- **Dilution Ratio:** Dilute Kesari Aqua Bright with clean potable water in a **1:1 ratio by volume** to prepare the self-priming coat.
- Apply the priming coat evenly across the prepared substrate to seal suction and promote interlayer adhesion.
- **Drying Time:** Allow the primer coat to air-dry for at least **2 to 3 hours** before proceeding with finish coats.

STEP 3: Topcoat Application (Finish Coats)

- **Dilution Rule:** Apply Kesari Aqua Bright **without any dilution** (neat) for all topcoats.
- **First Finish Coat:** Apply an even, continuous coat using a professional paint brush or roller across the primed surface. Let it dry for approx. **6 hours**.
- **Second Finish Coat:** Apply the second coat perpendicularly (at a 90-degree angle) to the first coat to guarantee uniform, pinhole-free film build-up.
- **Enhanced Protection Zone:** For high-exposure areas subject to heavy rain lashing, apply an additional third coat on vulnerable elements such as parapet walls, chajjas, and weather-facing vertical facades.
- **Curing Period:** Allow the complete coating system to air-cure fully for **7 days** to achieve maximum physical and waterproof properties.

3. Important Precautions & Limitations

- **Weather Restrictions:** Do not apply during rain or if rain is forecasted within the immediate drying window.
- **Substrate Quality:** Avoid application over poor-quality putty, loose rendering, or extremely damaged/friable surfaces.
- **Health & Safety:** Utilize recommended personal protective equipment (PPE) including hand gloves, safety goggles, and face masks. Wash immediately with soap and water in case of contact.