

TECHNICAL DATA SHEET

- Excellent external wall waterproof decorative coating
- Excellent Ultra-violet resistance for outstanding durability.
- Resistant to the effects of long weathering like chalking and flaking
- Possess anti-fungal and anti-algae properties
- It forms higher film thickness, has excellent flexibility breathing properties, water resistance excellent crack breathing ability and weathering durability

Product Description

Kesari Aqua -Bright Guard is an excellent external wall protective waterproof decorative coatings. It prevents moisture, seepage through hairline cracks on plaster due to its film flexibility and weathering properties.

AREA OF APPLICATION

- All types of exterior masonry surfaces, concrete, cements and rendering etc
- Applicable on asbestos sheets.

ADVANTAGES

- Excellent barrier to carbon dioxide, chloride ions and sulphates attack
- Excellent Ultra-Violet resistance for outstanding durability
- Resistant to the effects of long weathering like chalking and flaking
- Possess anti-fungal and anti-algae properties
- Very low dirt pickup & can be cleaned easily hence maintains the aesthetics

APPLICATION METHOD

SURFACE PREPARATION

- All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter mass, algal growth, and laitance
- Mechanical means such as wire brushing, shot blasting can be used, and finally vacuum clean of all loose solids as required
- Where moss, algae or similar growths have occurred, proper treatment should be carried out
- All surface cracks should be filled up with Kesari flexi Proof modified mortar.

APPLICATION

- The surfaces should be primed with Kesari Aqua-Bright diluted with potable water in the ratio of 1:1 by volume prior to application of Kesari Aqua-Bright finish coats, allow prime coat to dry for at least 2-3 hours
- All primed substrates should be treated with two coats of Kesari Aqua-Bright without dilution by brush or roller with time gap of 6 hours between each coat,
- For enhanced protection, apply additional coat of Kesari Aqua-Bright on rain lashing walls, chajjas & parapet walls
- Allow the coated surface to air cure fully for 7 days

PRECAUTIONS AND LIMITATIONS

- Don't apply during rain
- The coverage of Kesari Aqua-Bright can vary as per the nature of the substrate
- Surface should be prepared as per instructions
- Do not dilute Kesari Aqua-Bright
- Adhesion strength may get affected poor quality putti and very smooth/damaged surface

COVERAGE

- 30-35 Sq.ft./Kg. in 2 coats after self priming .
- Coverage may vary depending upon the texture and porosity of the surface

AQUA-BRIGHT

TECHNICAL INFORMATION

Properties	Test Method	Specification
Nature		Single component, self priming
Appearance		Emulsion paint white in colour
Elongation (250 microns DFT)	ASTM D 412-02	>250
Tensile Strength, N/mm2	ASTM D 412-02	>2.9
Crack bridging ability	ASTM C 836	Passes more than 2 mm width 110
Coating thickness (2 coats DFT) microns		110
chloride ion diffusion	ASTM C 1202	zero penetration in 60 days
Chloride ion diffusion coefficient		1.00×10^{-7}
Adhesion Strength	ASTM D 4541	2.3 n/mm2 (concrete failure)
co2 diffusion resistant coefficient	DIN EN 1602 (2002-10)	7.61×10^5
co2 diffusion equivalent air layer thickness	DIN EN 1602 (2002-10)	120m@160 microns DFT
Recoatible period		4 to 6 hours

STORAGE & SHELF LIFE:

12 month in ideal storage condition

PACKAGING

1,5,25 kg Containers.

HANDLING AND SAFETY:

Recommended use of hand gloves, goggles & masks. In case of eye or skin contamination, wash well with soap & cold water. Seek medical advice as necessary.