

ZERO-DAMP

ELASTOMERIC COATING WITH REINFORCED FIBRES FOR TERRACE & ROOF WATERPROOFING



TECHNICAL DATA SHEET

- Excellent for Terraces & Roof waterproof 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 bridging ability and weathering durability
- Kesari Zero-Damp is an excellent heavy duty reinforced waterproofing coatings. It prevents moisture, seepage through hairline cracks on concrete due to its film flexibility and weathering properties.

AREAS OF APPLICATION

- Building roofs/Terraces-Flat & sloping.
- All types of exterior masonry surfaces, concrete, cement sand rendering etc.
- Applicable on asbestos sheets.
- All types of Parapet & Vertical Walls.

ADVANTAGES

- Excellent barrier to carbon di-oxide, chloride ions and sulphates attack
- Excellent Ultra-Violet resistance for outstanding durability
- Reinforced with fibres for abrasion resistance & mechanical property
- Possess anti-fungal and anti-algae properties
- Crack - bridging ability upto 2mm

APPLICATION METHOD

SURFACE PREPARATION

- All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter moss, algal growth, and laitance
- Mechanical means such 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 self-primed with Kesari Zero-Damp diluted with potable water with 30% by volume prior to application of Kesari Zero-Damp. allow prime coat to dry for at least 3-4 hours

- All self-primed substrates should be treated with two coats of Kesari Zero-Damp without dilution by brush or roller with time gap of 6 hours between each coat,
- For enhanced protection, apply additional coat of Kesari Zero-Damp on rain lashing walls, chajjas & parafit walls. Allow the coated surface to air cure fully for 7 days

PRECAUTIONS AND LIMITATIONS

- Don't apply during rain.
- The coverage of Kesari Zero-Damp can vary as per the nature of the substrate
- Surface should be prepared as per instructions

COVERAGE

- 20-25 Sq.ft./Kg. in 2 coats after self priming
- Coverage may vary depending upon the porosity of the surface

HEALTH 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

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TECHNICAL INFORMATION

Properties	Test Method	Specification
Nature		Single component, self priming
Appearance		Elastomeric acrylic liquid with fibre
Elongation (250 microns DFT)	ASTM D 412-02	300%
Tensile Strength, N/mm2	ASTM D 412-02	2.9
Crack bridging ability	ASTM C 836	Passes more than 2 mm width
Solid		50 to 55%
Adhesion Strength		2.3 n/mm2 (concrete failure)
Recoatable period	ASTM D 4541	4 to 6 hours

SHELF LIFE

12 months in ideal storage condition.

PACKAGING

1,5,25 kgs Containers.