



**SHALIMAR**  
PAINTS  
SINCE 1902



# ZERO DAMP

— SMART —

FIBRE REINFORCED ELASTOMERIC WATERPROOF COATING



ZERO DAMP SMART has been formulated to confer long term protective and decorative properties to concrete and masonry surfaces. The water-proofing membrane of the coating acts as a barrier to the ingress of Water, Zero Damp smart offers excellent Alkali and water Resistance. Can be used for building roofs, terraces, parapet, sunshades and exterior vertical walls, car parks, commercial and industrial buildings, bridges, subways, high rise flats. Furthermore, it serves as a dependable waterproofing basecoat for Shalimar Exterior Emulsion coatings when applied on vertical walls.

## PRODUCT FEATURES



CRACK BRIDGING  
TECHNOLOGY UPTO 1MM



SURFACE TEMPERATURE  
REDUCTION UPTO 5°C



HIGH TENSILE  
STRENGTH



5 YEARS  
WARRANTY

## PRE PAINTING CARE



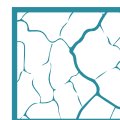
### PLASTER :

New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces. The roof must have positive slope/ drainage system to avoid water ponding at places.



### CLEANING :

Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use intense wire brushing, high speed water jet and vacuum cleaner for thorough cleaning of the surface to avoid "Peeling off" problems.



### REPAIRING :

The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.



### FILLING FOR CRACKS :

For filling cracks use recommended Crack Sealer. Bigger cracks, damaged portions and hollow areas must be repaired.

## POST PAINTING CARE



For the best performance of the paint, ensure proper washing and cleaning of all algal and fungal growth, if any, at regular intervals of six months

## APPLICATION PROCESS



### For Horizontal surfaces:

- Apply one self-priming coat of Zero Damp Smart with 30% Dilution (300 ml water for 1 litre Zero Damp Smart) on the surface with the help of Brush/Roller to achieve coverage of 40-45 sqft/litre.
- Allow it to dry for 4hrs followed by undiluted two coats of Zero Damp Smart at interval of 4hrs to achieve coverage of 15 sqft/litre.



### For Vertical surfaces:

- Apply one self-priming coat of Zero Damp Smart with 10% Dilution (100 ml water for 1 litre Zero Damp Smart) on the surface with the help of Brush/Roller to achieve coverage of 90 sqft/litre.
- Allow it to dry for 4hrs followed by one undiluted coat of Zero Damp Smart to achieve coverage of 45 sqft/litre.
- Application of 2 coats of Shalimar Paints Weather Pro+ Exterior Emulsion is recommended as per guidelines .

Note: \*Temperature reduction applicable only to the horizontal surface i.e. Terrace / Roofs / Chajjas

## ADDITIONAL PRODUCT BENEFITS

- Single pack and easy to apply
- Environmentally friendly (solvent free)
- Preventive protection for new as well as existing reinforced concrete structures exposed to aggressive environment.
- Best-in-Class Waterproofing: Offers top-notch waterproofing up to 3 bars of positive pressure on vertical surfaces and 5 bars on horizontal surfaces.
- Superior Adhesion: Demonstrates excellent adhesion on all masonry and cementitious surfaces, ensuring a reliable bond.
- Exceptional Flexibility: Provides unmatched flexibility with 250% elongation on horizontal surfaces, accommodating movement without compromising performance.
- Single Product for Both Vertical and Horizontal Application: Versatile formulation suitable for application on both vertical and horizontal surfaces, simplifying the waterproofing process.

### PRODUCT DATA & FEATURES

Application Areas	Terrace and Walls	Appearance	Viscous liquid
Dilution for Priming	10% for vertical & 30 % for Horizontal by volume	Shade	White (Different shades can be provided on request)
Warranty	5 Years	Finish	Smooth
Temperature/Climate Protection	Upto 5° C (when used as top coat)	Thinner/Cleaner	Soft water
Crack Bridging (@ 200 µ DFT)	1 mm	Specific Gravity	1.25 ± 0.02
Film Elongation (@ 200 µ DFT)	Up to 250%	Recoatability time @ 30°C , hrs.	Min. 4-5
Application Method	Horizontal Surface - 1 (self Prime) + 2 Vertical Surface - 1 (self Prime) + 1	Anti- Carbonation Coating**	NA
No. of coats required for waterproofing (ex. of primer coat)	2*	Chloride diffusion resistance	NA
Self-Priming	Yes	Pack size	1, 4, 10 & 20 Litre
Coverage	Horizontal Surface: 15-16 sq. ft. / ltr. 3 Coats Vertical Surface Fresh painting: 45 sq. ft. / ltr. 2 Coats	Composition	Based on pure Acrylic Emulsion
Shelf Life	3 Years @ 30°C if stored in a dry sealed container at shaded condition	Low VOC	30-40 g/liter
		Application	Brush, Roller, spray
		Tensile Strength	>1 N/mm <sup>2</sup>
		Adhesion with Concrete	Excellent ***
		Type	Single pack

### PRECAUTIONS



1. For previous painted surfaces remove old paint completely
2. The substrate should have sufficient strength and free from unsound areas, pug holes, protrusions and pops.
3. For horizontal surfaces, use Shalimar Paints Joints Tapes at all joints & corners for better reinforcement
4. For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate
5. To get the optimum performance, maintain coverage as per data.
6. Do not apply during rains or extreme temperatures.
7. Not recommended for rain water harvesting
8. Avoid abuses which may lead to puncturing of membrane.
9. Before application of Zero Damp smart putty application is not recommended

### SAFETY FEATURES



1. Please refer to the MSDS for Shalimar Paints Zero Damp smart, which gives detailed information on safety measures while handling the paint, which is available on request.
2. Store the container with the lid tightly closed in an upright position, in a cool, dry place.
3. Keep out of reach of children and away from eatables.
4. May be harmful if swallowed. In case of ingestion, seek immediate medical attention.
5. Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
6. In case of skin contact immediately, wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
7. Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
8. Do not pour leftover paint down the drain or in watercourses.
9. In the event of spills, contain spillage using sand or earth.
10. No added Lead, Mercury or Chromium compounds.

Website: [www.shalimarpaints.com](http://www.shalimarpaints.com) | Feedback/Complaints: [feedback@shalimarpaints.com](mailto:feedback@shalimarpaints.com)

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#### DISCLAIMER

(\*Spreading Capacity may vary depending upon the surface condition, porosity of the surface and method of application)

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