



**SHALIMAR**  
PAINTS  
SINCE 1902



# ZERO DAMP

## ADVANCE



Zero Damp Advance is a cutting-edge waterproofing solution that incorporates a unique blend of PU hybrid polymers and reinforcing acrylic fibers. Upon application and curing, it transforms into a robust, seamless membrane that provides unparalleled protection against water percolation. Its innovative formula ensures superior durability and reliability, making it the ultimate choice for waterproofing needs.

### PRODUCT FEATURES



DOUBLE SEEPAGE RESISTANCE



12 YEARS WARRANTY



IMPROVED CRACK BRIDGING TECHNOLOGY UPTO 3MM



SURFACE TEMPERATURE REDUCTION UPTO 10°C



ANTI ALGAL AND ANTI FUNGAL



ANTI-CARBONATION PROPERTIES

### PRE PAINTING STEPS



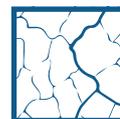
#### PLASTER :

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 :

Sand the application surface with 180 emery paper to remove dirt, dust, grease, loose flaking of paint, laitance etc. and wipe it clean.



#### 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 STEPS



For optimal paint performance, adhere to post-painting care guidelines by regularly cleaning and washing any algal or fungal growth every six months.

### APPLICATION PROCESS



#### For Horizontal surfaces:

- Apply one self-priming coat of Zero Damp Advance with 30% dilution (300 ml water for 1 litre

Zero Damp Advance) on the surface with the help of Brush/Roller.

- Allow it to dry for 4hrs followed by two undiluted coats of Zero Damp Advance at interval of 4hrs to achieve coverage of 10-12 sqft/litre.



#### For Vertical surfaces:

- Apply one self-priming coat of Zero Damp Advance with 30% dilution (300 ml water for 1 litre Zero Damp Advance) on the surface with the help of Brush/Roller to achieve coverage of 25 sqft/litre.

- Allow it to dry for 4hrs followed by undiluted one coat of Zero Damp Advance to achieve a coverage of 10-12 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

- **High hydrostatic pressure resistance:** Withstanding up to 10 bars of positive hydrostatic pressure, it ensures robust protection against water ingress.
- **Enhanced mechanical properties:** Reinforced with fibers, it exhibits superior mechanical strength and abrasion resistance, ensuring long-lasting performance.
- **Exceptional durability:** Resistant to water, UV rays, and aging, it ensures enduring protection in diverse environmental conditions.

### PRODUCT DATA & FEATURES

Application Areas	Terrace and Walls	Appearance	Viscous liquid
Dilution for Priming	30 % by volume	Shade	White (Different shades can be provided on request)
Warranty	12 Years	Finish	Smooth
Temperature/Climate Protection	Upto 12°C (when used as top coat)	Thinner/Cleaner	Soft water
Crack Bridging (@ 200 µ DFT)	3 mm	Specific Gravity	1.2 ± 0.03
Film Elongation (@ 200 µ DFT)	Up to 300%	Recoatibility time @ 30°C , hrs.	Min. 4-5
Application Method	Horizontal Surface – 1 (self Prime) + 2 Vertical Surface – 1 (self Prime) + 1	Anti- Carbonation Coating**	Yes
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	<b>Horizontal Surface:</b> 10-12 sq. ft. / ltr.3 Coats <b>Vertical Surface Fresh painting:</b> 25 sq. ft. / ltr. 2 coats	Composition	Based on pure Acrylic Emulsion & PU Hybrid Technology
Type	Single pack	Low VOC	30-40 g/liter
Shelf Life	3 Years @ 30°C if stored in a dry sealed container at shaded condition	Application	Brush, Roller, spray
		Tensile Strength	>2 N/mm <sup>2</sup>
		Adhesion with Concrete	Excellent ***

### 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 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 putty application is not recommended

### SAFETY FEATURES



1. Please refer to the MSDS for Shalimar Paints Zero Damp, 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

\*For water proofing warranty on vertical surface will depends on the top coat used, for more details please refer to warranty booklet.

\*\* Equivalent Air Thickness (R) (@ 207 DFT) is 380 m (In Klopfer Criterion (R) for an effective anti-carbonation coating should be greater than 50 m).

\*\*\* Adhesion with concrete is greater than 1 N/mm<sup>2</sup>.

For Feedback/Complaints write at [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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