



ZERO DAMP TITAN X16

WATERPROOFING COATING

Zero Damp Titan X16 is PU hybrid polymer waterproofing membrane reinforced with acrylic fibres, engineered by Shalimar Paints Ltd. Upon application and curing, it forms a seamless membrane with zero cold joints, delivering high resistance to hydrostatic pressure and water percolation on both horizontal and vertical building surfaces.

The reinforced polymer matrix provides dimensional stability under thermal cycling, substrate movement, and sustained moisture exposure. The self-priming formulation eliminates the need for a separate primer coat, reducing system complexity and application time. It is the preferred waterproofing solution for terraces, parapet walls, exterior facades, basements, wet rooms, and podium decks.

Zero Damp Titan X16 is a basecoat and must be followed by application of Hero Titan x16 as a top coat.

PRODUCT BENEFITS



THERMAL[#]
BARRIER



4X CRACK
BRIDGING UP TO
3MM



UV & WEATHER
RESISTANT



SUPERIOR
ADHESION



SELF
PRIMING



16-YEAR
WARRANTY

PRODUCT FEATURES

AVAILABLE
PACK SIZES



SHELF
LIFE



5 Years ✓

from date of manufacture in original
tightly closed containers away from direct
sunlight and excessive heat

FINISH



COVERAGE



HORIZONTAL SURFACES
(FORCED SYSTEM)
10-11 sq ft / litre / 2coats
(minimum for warranty compliance)

VERTICAL SURFACES
(FORCED SYSTEM)
25 sq ft / litre

SHADE

WHITE

VOC LEVEL

LOW VOC

RECOATING TIME

4-10 HOURS**

APPLICATION PROCESS

Surface Preparation (Mandatory)

Remove all loose plaster, grease, dust, laitance, and contaminants from the surface. Fill and repair structural cracks and loose plaster as per standard construction practices. Ensure surface is completely dry before application. Remove any existing waterproofing treatment down to bare plaster/concrete substrate. Provide adequate slope on the roof to prevent water ponding. Install coving / angle fillet at wall-floor junctions on terrace. Where absent, use of roof tapes is mandatory. For terraces, envelope the entire surface including parapets to a minimum height of 2 feet below the terrace-parapet joint on the outer wall. Remove any older coatings using a scraper or wire brush. Ensure surface is free from cracks and dents, suitable crack filler should be used. Sand the surface to ensure smoothness and better adhesion.

RECOMMENDED APPLICATION

For Horizontal surfaces:

Apply one self-priming coat of Zero Damp Titan X16 with 30% dilution (300 ml water for 1 litre Zero Damp Titan X16) on the surface with the help of Brush/Roller to achieve coverage of 25 sq.ft./litr. Allow it to dry for 4-10 hrs** followed by two undiluted coats of Zero Damp Titan X16 at interval of 4-10 hrs** to achieve coverage of 10-11 sq.ft./litr/2 coat. Topcoat application of 2 coats of Shalimar Hero Titan X16 Exterior Emulsion for DPUR and whiteness retention is recommended. Temperature reduction applicable only to the horizontal surface i.e. Terrace / Roofs /Chajjas

For Vertical surfaces:

Apply one self-priming coat of Zero Damp Titan X16 with 30% dilution (300 ml water for 1 litre Zero Damp Titan X16) on the surface with the help of brush or roller to achieve coverage of 25 sq.ft./litr. Allow it to dry for 4-10 hrs** followed by one undiluted coat of Zero Damp Titan X16 to achieve a coverage of 20 sq.ft./litr. Application of 2 coats of Shalimar Paints Hero Titan X16 Super Luxury Exterior Emulsion is recommended as per guidelines.

**Drying time varies based on environmental conditions

PRECAUTIONS



- Do not apply during rains or extreme weather conditions.
- Protect surface from excessive wear & tear that may lead to damage of the coating.
- Drain Pipes need to be treated with cement sand mortar for adhesion.
- Application can be done on masonry surface, terrace, concrete roof (with slope & flat) & horizontal & vertical walls.
- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs. of application.
- Do not apply when humidity is greater than 90%.
- For extremely rough surface including textures: Application by brush is recommended to ensure all the grooves are covered well.

Surface & Substrate Restrictions

- Not recommended for application over Chinese mosaic tiles. Warranty will not be applicable for such surfaces.
- Do not apply over surfaces with pre-installed elements inconsistent with the recommended application system.
- Ensure there are no water leakages from adjoining uncoated terraces or structures directly connected to the coated surface.
- The cured membrane must not be punctured by sharp objects, heavy article movement, or antenna / structure fixing post-application.

Post-Application Handling

- Do not expose the cured membrane to chemicals, solvents, or oils.
- Avoid any civil, structural, or building modifications post-application, as these will void the warranty.
- Do not perform any repairs, removal, or tampering with the applied system prior to Company inspection in the event of a warranty claim.
- Maintain adequate terrace housekeeping to prevent water logging on the coated surface.
- For optimal paint performance, adhere to post-painting care guidelines by regularly cleaning and washing any algal or fungal growth every six months.
- Apply product at least 6 inches inside drain pipes and for optimal results, apply parapet to parapet to envelop the entire building.

SAFETY FEATURES



- As a general safety measure, inhalation of paint mist and contact of liquid paint with skin & eyes should be avoided.
- Forced ventilation should be provided when applying paint in confined spaces or stagnant air.
- Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapors or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Left-Over Paint Disposal: Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

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DISCLAIMER

(*Spreading Capacity may vary depending upon the surface condition, porosity of the surface and method of application)
This PDS is by no means a comprehensive data. The company will not be liable for losses or damages howsoever caused including liability for negligence, which may be suffered by the user of the data contained therein. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is extended since conditions of use are beyond our control.