

Hydroshield Dampproof

Elastomeric Exterior Waterproof Coating
(Basecoat)



PRODUCT DESCRIPTION:

Walltron Hydrosshield Dampproof is fiber reinforced Elastomeric coating used for Waterproofing. It forms thick elastic film which covers cracks and blocks water thus offering excellent waterproofing.

FEATURES:

Waterproofing:	The emulsion forms films with high DFT gives excellent waterproofing.
Crack Bridging:	The elastomeric coating forms films which can bridge cracks upto 1-2 mm
Excellent Adhesion:	Coating has excellent adhesion to masonry surfaces
Toughness and Elasticity:	The elastomeric fiber reinforced coating has excellent mechanical properties. The toughness helps to withstand the driving rain. The elasticity coating endures stresses developed due to thermal contraction and expansion of concrete.
User friendly:	The coating can be applied directly without any dilution and very easily can be applied by either brushing or rolling.
Surface Temperature Reduction:	Provides surface temperature reduction up to 10°C**. This property is applicable for terraces and only for white shade.
Warranty :	10 years waterproofing warranty on terrace and vertical surfaces. Please refer warranty card for more details.

Note: **Surface temperature reduction: Temperature recorded from 1 pm to 3 pm with the aid of laser guided infrared non-contact thermometer, degree of surface temperature reduction will vary depending upon the surface & weather conditions

APPLICATION AREA:

To be applied on all types of exterior walls, concrete or plastered surface, terraces, parapet and balconies.

SURFACE PREPARATION:

- **New Plaster:** Ensure that surface is completely cured and dry, application of cement paint/ lime as an undercoat is not recommended.
- **For Repainting:** Clean the surface till it is free from dust , grease and flaking paint from surface. Any unstable paint to be removed, using high pressure water wash or scraper whichever is appropriate. Algae and fungus on the wall to be removed, by using high pressure water wash or coir brush and should be treated with Nippon Walltron Kleanwall Fungicidal Solution. Allow it to dry for 4-6 hrs.
- All the cracks up to 3mm should be sealed with Walltron N-seal crack-fill paste/powder. For severe cracks and damages use cement mortars modified with Nippon Paint Walltron products.

APPLICATION METHOD:

1. For VERTICAL SURFACE Fresh or New Concrete:

- Apply primer coat of Hydrosshield Sealer by diluting 1L paint with 750ml of water.
- Apply a coat of Hydrosshield Dampproof (basecoat) without any dilution.
- Apply 2 coats of HYDROSHIELD WATERPROOF EXTERIOR EMULSION / WEATHERBOND 8 (Quartz) / WEATHERBOND ADVANCE (Quartz) as per recommended dilution.

2. For VERTICAL SURFACE Repainting

- Apply primer coat of Walltron Hydrosshield Dampproof diluting 1L paint with 300 ml water, either by brushing or rolling.
- Apply a coat of Walltron Hydrosshield Dampproof(basecoat) without dilution.
- Apply 2 coats of HYDROSHIELD WATERPROOF EXTERIOR EMULSION / WEATHERBOND 8 (Quartz) / WEATHERBOND ADVANCE (Quartz) as per recommended dilution.

3 For HORIZONTAL SURFACE :

- Apply primer coat of Walltron Hydrosshield Dampproof diluting 1L paint with 300 ml water, either by brushing or rolling.
- Apply two coats of Walltron Hydrosshield Dampproof without any dilution.

4 Allow the drying time of 4-5 hrs between consecutive coats.

5 The coated substrate should be allowed to dry fully for 7 days

PRECAUTIONS:

- Do not apply during rains or extreme temperatures. Avoid accumulation of water on horizontal surfaces.
- Ensure that the product is applied at least 6 inches inside the drain pipe.
- Avoid any abusive movements of heavy vehicles and sharp objects which may lead to puncture of membrane.
- Ensure covering of entire structure by application of coat from parapet to parapet.
- Avoid painting when the temperature is below 10°C and above 45°C. Relative humidity should be below 85%

TECHNICAL INFORMATION

Drying time	4-6 hours
Coverage Hydrosshield Dampproof (Basecoat)	As per the recommended system
Horizontal Surface	*0.92 - 1.11 sq.m /L
Vertical Surface	*2.32 - 2.78 sq.m /L
Hydrosshield Waterproof Exterior Emulsion / Sumo Xtra Durafresh Solo / Weatherbond Advance HB	*As per Recommendation
Shades Available	 White Terracotta Grey

*Coverage May vary depending upon the porosity and texture of surface

Shelf Life: 3 years from the date of manufacture in original tightly closed containers. Higher temperature during storage may reduce the shelf life and may lead to gelling in the container

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

During Painting:

Always work in well-ventilated area. Wear appropriate attire, especially gloves and eye protection, mask. Avoid contact with skin as it may cause irritation.

Cleaning:

Wash all tools with clean water immediately after application.

Safety Instructions:

In case of eye contact rinse immediately with water and seek immediate medical treatment. To remove paint from skin, use soap and water or appropriate cleanser. In the event of spillage, contain and collect split paint by using sand or earth.

Storage:

Store paint in a cool dry and well ventilated place away from heat sources, flammables or direct sun light. Keep container tightly closed in secure, upright position. Do not store near food, drinks or animal feed. Keep out of reach of children. Do not dispose of unwanted paint into drains, water sources or open sewers. To dispose safely, pour unwanted paint onto old newspaper and let it dry before placing in a proper waste receptacle.

Environment:

Does not contain any added lead, mercury or chromium compounds. Safety datasheets will be made available to professional users upon request **Lead content does not exceed 90 parts per million.**

DISPOSAL INFORMATION:

Disposal of any paint waste and containers in accordance with applicable Environment (Protection) Act 1986 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

FOR EXPERT CONSULTATION CALL
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