

Exterior

Interior



## PRODUCT DESCRIPTION

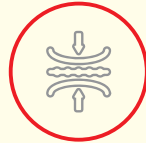
Walltron Hydrosshield Dampsmart is a specially designed waterproof coating for damp surfaces which when cured forms a tough yet elastic film which covers cracks and blocks water. It is used for patch repair of internal, external walls and temporary patch repair of roofs.

## FEATURES



### Waterproofing

The emulsion forms films with high DFT which gives good waterproofing.



### Toughness and Elasticity

The elastomeric coating has excellent mechanical properties. The toughness helps to withstand rain. The elasticity coating endures stress developed due to thermal contraction and expansion of concrete.



### Good Adhesion

Coating gives good adhesion to masonry surfaces



### Crack Bridging

The elastomeric coating forms films which can bridge hairline cracks up to 0.5 mm



### User friendly

The coating can be applied directly without any dilution by either brushing or rolling.



Tintable in Pastel shades.



Suitable for Interior and Exterior use

## APPLICATION AREA

To be applied on Interior Walls, Exterior walls, concrete or plastered surface, terraces, parapet and balconies.



## SURFACE PREPARATION

- **New Plaster:** Ensure that the 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 the surface. Any unstable paint to be removed, using either 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.

Identify Non- structural cracks less than 2 mm & clean it to make dust free. Fill it with Hydroshield Dampsmart & wait for it to dry. 2 to 3mm cracks should be sealed with Walltron N-seal crack-fill powder/paste. For severe cracks and damages use cement mortars modified with Nippon Paint Walltron products.

Surface should be in saturated surface dry (SSD) condition prior to application



## APPLICATION METHOD

### 1. For Interior Surface Application:

- a) Apply 2 coats of undiluted Hydroshield Dampsmart with forced coverage of 4 – 5 Sq.mt/kg/ per Coat. Keep 2 - 4 hours of interval between both the coats.
- b) Allow it to dry for 2-4 hours between both the coats.
- c) Allow it to dry thoroughly (2days) & then follow regular internal coating system.

### 2. For Exterior Surface Application:

- a) Apply 2 coats of undiluted Hydroshield Dampsmart with forced coverage of 4 – 5 Sq.mt /kg/ per Coat. Keep 2 - 4 hours. of interval between both the coats.
- b) Allow it to dry for 4- 6 hours between both the coats.
- c) Allow it to dry thoroughly (2days) & then follow regular exterior coating system.





## 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 abrasive 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%.
- Do not apply directly on efflorescence if any.
- Apply extra coat on all corners, gaps, joints, protrusions & outlets.
- Do not Dilute Hydrosshield Dampsmart.
- The forced coverage leads to long term performance hence it is recommended to ensure coverage as per datasheet only

## TECHNICAL INFORMATION

**Coverage:** 2.0 – 2.5 Sq.mt/Kg/2coats or 4 – 5 Sq.mt/Kg/Per coat

**DFT:** 160 – 180 micron in 2 coats when applied as recommended.

**Shelf Life:** 3 years from the date of manufacturing in original tightly closed containers kept away from direct sunlight. 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 areas. Wear appropriate attire, especially gloves, eye protection, and 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 spilt 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 a secure, upright position. Do not store near food, drinks or animal feed. Keep out of reach of children.



### 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:

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.

Disposal of any paint waste & containers in accordance with applicable Environment (Protection) Act 1986 under the Hazardous Wastes (Management & Handling) rules 1989.

