



# NIPPON PAINT

# HYDROSHIELD

Waterproof Exterior Emulsion  
(Topcoat)

Walltron Hydroshield is a self cross-linking acrylic emulsion-based coating. It is used as a durable waterproof coating which protects the exterior walls of buildings since it gives excellent waterproofing and has very good elasticity, breathability and crack bridging property.

## GREEN ASSURED



## PRODUCT FEATURES



**Waterproofing**



**Dirt Pickup Resistance**



**Crack Bridging**



**Excellent Adhesion**



**Toughness and Elasticity**



**Anti-fading**



**Breathability**



**Antimicrobial**

## APPLICATION AREA

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





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## TECHNICAL DETAILS

Drying Time	4-6 hours
Coverage	As per the recommended system
Hydroshield Dampproof (Basecoat)	*25-30 sq.ft/litre (forced coverage)
Hydroshield Exterior Emulsion (Topcoat)	*60-70 sq.ft/litre/coat

## Coverage:



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Hydroshield Dampproof (Basecoat)  
\*25-30 sq.ft/litre (forced coverage)

Hydroshield Exterior Emulsion (Topcoat)  
\*60-70 sq.ft/litre/coat

Actual coverage is dependant on the substrate condition, surface porosity, method of application

## HOW TO APPLY

### 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. 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 Paint Walltron Kleanwall Fungicidal Solution. Allow it to dry for 4-6 hours.
- All the cracks up to 3mm 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.

### 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%.
- For severe dampness apply an additional coat of Walltron Hydroshield.

### Application:

#### 1. For Fresh or New Concrete:

- a) Apply primer coat of Hydroshield Sealer by diluting 1L paint with 750ml of water.
- b) Apply a coat of Hydroshield Dampproof (Basecoat) without any dilution.
- c) Apply two coats of Hydroshield Waterproof Exterior Emulsion (Topcoat) without any dilution.

#### 2. For Repainting

- a) Apply primer coat of Walltron Hydroshield Dampproof diluting 1L paint with 300 ml water, either by brushing or rolling.
- b) Apply a coat of Walltron Hydroshield Dampproof (Basecoat) without dilution.
- c) Apply two coats of Hydroshield Waterproof Exterior Emulsion (Topcoat) without dilution.

3. Allow it to dry for 4-6 hours in between two consecutive coats.

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

## SAFETY AND ENVIRONMENT

#### During Application:

Always work in a well-ventilated area. Wear appropriate attire, especially mask, gloves and eye protection. 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 sunlight. Keep container tightly closed in a 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 the Hazardous Wastes (Management and Handling) rules 1989.

#### 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

