



NIPPON PAINT

Hydro Block 1K

Waterproofing Coating



Walltron Hydro block 1K is a one-pack, flexible, waterproof coating having excellent adhesion to the substrate. It is easy to apply and provides excellent protection against dampness.

GREEN ASSURED



PRODUCT FEATURES



Excellent Protection From Dampness



Micro-sized particles which block water from coming out



Excellent Flexibility



Breathable film to prevent blister formation and to allow water vapour to pass



Excellent Bond Strength



Easy to Apply



APPLICATION AREA:

Specially designed for Waterproofing:

- Damp interior walls adjacent to bathrooms and kitchens
- Balconies
- Masonry surface: Brick walls/concrete slabs subjected to damage from moisture/mild efflorescence



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TECHNICAL DETAILS

Appearance		White powder
Mix ratio (Powder : water), self priming		1:1
Mix ratio (Powder : water), waterproof coat		3:1
Pot life, minutes		60 - 90 mins
Recoatibility time, Hrs		4 - 6
Elongation at break, %	ASTM D 412	40 - 50 %
Adhesion strength, MPa	ASTM D 4541	0.5

Coverage:



WALLTRON HYDROBLOCK 1K

15 sq ft/kg/ coat

Coverage can vary depending upon the nature of the substrate.

HOW TO APPLY

Surface Preparation:

- Remove old paint, putty, or existing POP using a chisel or wire brush
- Ensure cement plaster can be reached for product application
- Ensure the surface is free from grease
- Replaster if existing plaster is in poor condition
- Repair the application area to stop the source of dampness
- Prior to application the surface must be in Saturated Surface Dry (SSD) condition.

Mixing & Application:

- Allow a self-priming coat by mixing Walltron Hydroblock 1K and water in a 1:1 ratio.
- Apply 2 to 3 coats of a mixture of Walltron Hydroblock 1K and water (3:1 ratio) using a putty knife or a trowel
- Achieve a forced coverage of 15 sq.ft/kg/coat
- For severely affected areas apply an additional coat as mentioned above that covers an area well over and wider than affected area
- Plastering should be carried out after 4 to 6 hours

Precautions and Limitations:

- Apply on cementitious plaster and not on POP or existing paint
- Not recommended for preventing seepage in ceilings
- Always add powder to water
- Consume within one hour of mixing

SAFETY AND ENVIRONMENT

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 the material from skin, use soap and water or appropriate cleanser. Safety datasheets will be made available to professional users upon request

Storage:

Store in a cool dry and well ventilated place away from heat sources, flammables or direct sun light. Do not store near food, drinks or animal feed. Keep out of reach of children.

Shelf Life:

Best before 6 months from date of manufacturing in unopened original packing when stored in dry condition.

