



**NIPPON
PAINT**

EnhanceR
Multipurpose Polymer



Walltron EnhanceR is a ready-to-use, high-solid, high-performance and polymer-based, acrylic co-polymer.

GREEN ASSURED



PRODUCT FEATURES



Waterproofing



Excellent adhesion



**Good tensile
and flexural strength**



Excellent durability

APPLICATION AREA:

- For Concrete repairs - Spalled concrete of floors, columns, beams, chajja, slabs, parapets, etc.
- For Waterproofing – Small roof terraces, sunken portions of toilets & bathrooms, chajja, lift pits, balconies
- As a bond coat – For bonding of new concrete to old concrete, masonry stonework, plastering




TECHNICAL DETAILS

Nature	Milky white liquid
Solids	45 - 47 %
Sp. gravity	1.02
pH value	7.0 - 8.0

HOW TO APPLY

Surface Preparation:

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- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance & dust. Degrease the surface by using suitable solvents, if required
 - Repair the spalled concrete portion by saw, cutting the extreme edges of the repair location to a depth of at least 10 mm to provide strong bond
 - Clean the concrete surface to remove any contamination where breaking is not possible, roughen the surface by light scrubbing or grit blasting
 - Before application the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application

Application:

Waterproof Coating:

- For waterproofing, mix Walltron Enhancer: Cement in the ratio 1:1 by volume
- Mix for 2-3 minutes to avoid air entrapment. Add cement slowly to Walltron Enhancer until the required consistency is achieved
- Apply 2 coats of the mix by brush in a span of 4-6 hours on the prepared concrete substrate
- Overlay the coating with a protective screed to the desired slope & thickness

Bonding Agent:

- For bonding primer coat of Walltron Enhancer mix Enhancer: Cement in the ratio 1:1 by volume
- Brush apply 1 continuous coat of the mix on the prepared concrete substrate
- Ensure to overlay the repair mortar when the bond coat is still tacky

Repair Mortars:

- Mix 5 kg of Walltron Enhancer in mixture of 50kg cement and 150kg sand along with 15-20 kg water to achieve workable consistency. Overlay the repair mortar when the bond coat is still tacky.

Screeds & Concrete:

- Mix 5 kg of Walltron Enhancer in mixture of 50kg cement, 75kg sand & 75 kg aggregates (5-6mm) along with up to 15-20 kg water to achieve workable consistency.

Mixing & Application :

- A forced action mixer is essential to ensure that Walltron Wall+ is thoroughly mixed.
- Hand mixing is permissible only for 25 kg or less quantity.
- Charge the mixer with required quantity of clean and dry sand (or coarse aggregates as needed), cement and mix for 1-2 minutes, then add the recommended dosage of Walltron Wall+ dispensed in water which is pre-batched. Mix for 2-3 minutes to avoid air entrapment. Keep on slowly adding water until the required consistency is achieved.

SAFETY AND ENVIRONMENT

Health and safety:

Wear appropriate attire especially gloves, mask and eye protection while application. In case of eye contact rinse immediately with water and seek immediate medical treatment.

Cleaning:

Wash all tools with clean water immediately after application.

Storage Condition:

- Suggested to store in a cool, dry and well ventilated place away from heat sources.
- Keep container tightly closed in secure upright position.
- Do not store near food, drinks or animal feed.
- Keep out of reach of Children.

Shelf Life:

1 Year from the date of manufacture in original tightly closed container.

Coverage:



WALLTRON EnhanceR

- As a waterproofing coating: 30-35 sq.ft./kg in 2 coats
- As a bonding agent: 45 - 50 sq.ft./kg per coat

Precautions:

- Recommended dosage to be followed to achieve desired results
- When working in hot temperature conditions, extra water may be added to the repair mortar to compensate for the evaporation loss and make the mortar workable

