



**WALL+**  
Universal Repair Polymer

Walltron Wall+ is ready to use high performance SBR based latex. It is used for repair of spalled concrete, floors, columns, beams, chhajjas, slabs and waterproofing of toilets and bathrooms, small terraces etc. as it bonds strongly to old and new concrete and to plasters.

## GREEN ASSURED



## PRODUCT FEATURES



**Prevents Cracking**



**Multipurpose**



**Excellent Adhesion**



**Abrasion Resistance**



**Excellent Fluidity**

## APPLICATION AREA:

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



## TECHNICAL DETAILS

| PROPERTIES                     | RESULTS                                       |
|--------------------------------|---|
| Nature                         | Milky white, translucent, free flowing liquid |
| Total solids % by mass @ 105°C | 40 +/- 1                                      |
| Sp. gravity at 30°C            | 1.02  |
| pH value                       | 7.5 - 8.0                                     |

## Coverage:




### WALLTRON WALL+

- Waterproof Coating: 22 - 25 sq.ft./kg in 2 coats
- Bonding Agent: 45 - 50 sq.ft./kg per coat

## HOW TO APPLY

### Surface Preparation:

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- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance and 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.

### 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

## METHOD OF APPLICATION:

#### Waterproof Coating:

- For waterproofing, mix Wall+: Cement in the ratio 1:1.5.
- Mix for 2-3 minutes to avoid air entrapment. Add cement slowly to Walltron Wall+ 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 and thickness

#### Bonding Agent:

- For bonding primer coat mix Walltron Wall+: Cement in the ratio 1:1
- 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 10 kg of Wall+ in mixture of 50kg cement and 150kg sand along with 10 kg water to achieve workable consistency. Overlay the repair mortar when the bond coat is still tacky.

#### Screeds And Concrete:

Mix 10kg of Wall+ in mixture of 50kg cement, 75kg sand and 75 kg aggregates (5-6mm) along with up to 10kg 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.

