



**WEATHER PRO**

To protect strength  
from dampness,  
build with **WEATHER PRO**  
Waterproofing System



**Application Guide**



**WEATHER PRO WATERPROOFING SYSTEM**

## What is dampness?

Dampness is unwanted moisture that enters the structure of our home. Dampness is the biggest enemy of the strength of the home, which makes our home weak and hollow from the inside.



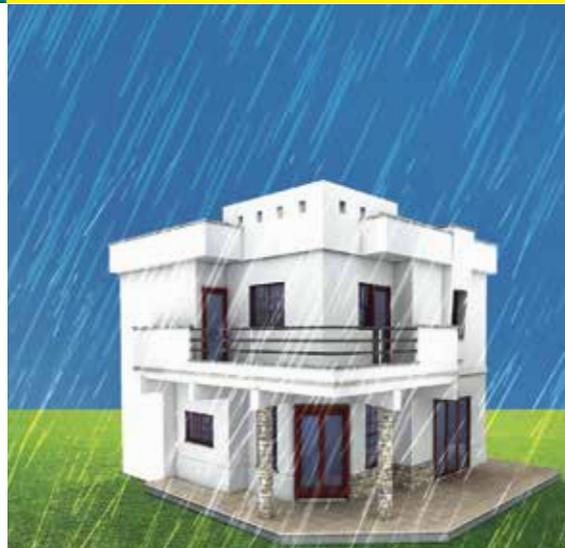
## Why is dampness the biggest enemy of strength?

Dampness causes corrosion of steel and formation of cracks in RCC, which reduces the strength of the structure. This makes our home weak and hollow from inside, eventually affecting its durability.

## How can we protect the strength of our home from dampness?

Once dampness enters the structure, it is impossible to get rid of. By the time it is visible, the damage to the strength is already done. Repair work is expensive and provides only temporary relief.

Hence it is necessary to adopt a preventive solution to protect the strength of our home from dampness.



# Where does dampness enter from?



Dampness can enter from any part of the home – roofs, walls or even the foundation. It can also enter the structure from wet areas of home like kitchen and bathroom.



Foundation



Wall



Roof



Bathroom



Kitchen



Water tanks

## INTRODUCING ULTRATECH WEATHER PRO WATERPROOFING SYSTEM



Only preventive waterproofing when building your home can make your home waterproof from the inside. Use Weather Pro Waterproofing System during construction, to protect your home's strength from dampness and seepage. This system has two components -

1

### INTEGRAL WATERPROOFING FOR ENTIRE STRUCTURE



#### WP+200

Provide Superior Waterproofing Protection against dampness to your entire home

2

### DOUBLE PROTECTION OF HIGH-RISK AREAS



#### Flex, Hi-Flex & Single Component

Double protection of high-risk areas in your home, like roofs, terraces, exterior walls, kitchens, and bathrooms.

# How do we protect the strength of our home from dampness?



## STEP 1

### INTEGRAL WATERPROOFING FOR ENTIRE STRUCTURE



WP+200

WP+200 is a specialist integral waterproofing liquid that is used with cement to provide Superior Waterproofing Protection to your entire home. WP+200 is added to plaster, mortar and concrete applications - from foundation to finishing- so that every corner of your home is protected from the inside. Your entire home resists dampness better and becomes more durable.

## STEP 2

### DOUBLE PROTECTION OF HIGH-RISK AREAS



Flex



Hi-Flex

Exterior areas like the roof and terrace have to sustain the impact of weather and rain. Similarly, indoor areas like the kitchen and bathrooms, have continuous water contact. There is a high risk of dampness entering into the home from these areas, which damages the strength of the home. For double waterproofing protection of such areas use Flex, Hi-Flex and Single Component.

## BENEFITS



Better dampness prevention



Better prevention from rusting



Helps protect structural strength



Higher durability of home



Better prevention from plaster damage

# For the entire structure

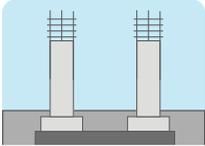
## Integral Waterproofing Liquid, WP+200



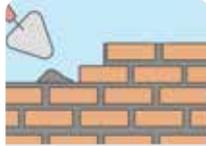
Dampness can enter the home from anywhere – foundation, roof, walls, or bathroom. Dampness makes the home hollow and weak from the inside, permanently. UltraTech Weather Pro WP+200 is an integral waterproofing liquid developed at UltraTech Research Lab. Use WP+200 with cement, to provide superior waterproofing protection to every part of your home. Its unique Water Block Technology fills the tiny holes in the concrete, plaster, and mortar, breaking the interconnectivity of capillaries and reducing water penetration.

### AREAS OF APPLICATION

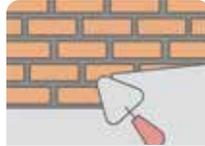
Add to plaster, mortar, and concrete from foundation to finishing – foundation concreting, beams, columns, brick joining, external and internal plastering.



**Concrete**  
Foundation, beams, columns, slab casting



**Mortar**  
Joining bricks and screed



**Plaster**  
Internal & external



Weather Pro WP+200

### HOW TO USE WP+200 FOR BEST RESULTS

#### 1 PREPARE CONCRETE, PLASTER OR MORTAR MIX



Mix cement, sand and aggregates, as per the mix design.

Add only 50% of required water and mix for 2-3 minutes.

#### 2 PREPARE WP+200 MIX



Add WP+200 to the remaining 50% water and stir well. 200ml WP+200 is to be used for every 50kg of cement.



#### 3 COMBINE BOTH THE MIXES



Add the WP+200 water mixture to the prepared concrete, plaster or mortar mix.

When using WP+200, water requirement decreases by 10-15%. Add water as per consistency.

#### 4 USE



Use concrete, plaster or mortar mix as per need. Be mindful that using lesser dosage will not give effective waterproofing.

Follow good construction practices, including curing.

### BENEFITS OF WP+200



Better dampness prevention



Better prevention from rusting



Enhances concrete strength



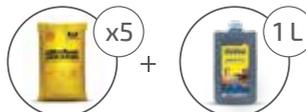
Higher durability of home



Denser concrete

### USAGE

Use 200ml for every 50kg bag of cement



Available pack sizes

200ml, 1L, 5L, 10L, 20L, 50L, 100L

# For Double Protection of Roofs, Walls, Bathrooms Flex, Hi-Flex

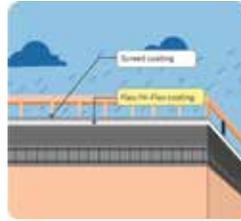


Exterior areas of home like roofs, terraces and walls face the impact of rain and weather. Similarly, interior areas inside the home like bathrooms and kitchens have high water contact. From such areas, there is a high-risk of dampness seeping into the structure.

Use Flex or Hi-Flex for double protection of high-risk areas of the home. These polymer-based waterproofing products form a durable and impervious coating, blocking the entry of dampness into the structure. Flex and Hi-Flex coatings are flexible, elongating up to 50% and 100% respectively\*, which reduces the possibility of cracks and makes them long lasting. They can also withstand high water pressure, up to 7 bars, which helps them withstand environmental conditions and high water contact inside the home.

## AREAS OF APPLICATION

All positive side exterior applications like terraces, sloping roofs, walls, balconies, and domes. In the interior, walls and floors of wet areas like bathroom, kitchen and sunken areas.

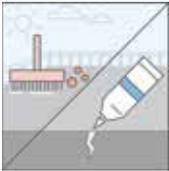


**Hi-Flex**  
upto **100%**  
Elongation

**Flex**  
upto **50%**  
Elongation

## HOW TO USE FLEX OR HI-FLEX FOR BEST RESULTS

### 1 SURFACE PREPARATION



Clean the prepared slab using a wire brush and jet wash to remove any dirt or oil.

Wet the surface with water and ensure there is no standing water present prior to application i.e. surface saturated dry (SSD) condition.

### 2 MIXING



Mix the powder and liquid polymer ensuring lump free consistency, preferably using a mechanical stirrer.

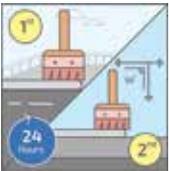
**For Seal and Dry Flex**

1 part liquid + 2 parts powder

**For Seal and Dry Hi-Flex**

1 part liquid + 1.4 parts powder

### 3 APPLICATION

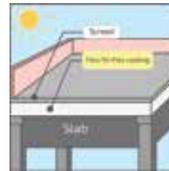


**Apply 2 coats**

Apply the 1st coat using a stiff nylon brush.

Apply the 2nd coat after a minimum of 8 hours in perpendicular direction to the 1st coat.

### 4 SCREED COAT



Immediately after the 2nd coat, sprinkle some dry sand over it.

72 hours after the second coat, conduct water pond test for 4-5 days.

Apply screed as the final step.

## BENEFITS OF FLEX OR HI-FLEX



Better dampness prevention



Better prevention from rusting



Helps protect structural strength



Higher durability of home

## COVERAGE

Average thickness of each coat should be in the range of 0.6-0.7mm per coat.

**Flex**

1 kg of Flex powder and liquid mix should cover 12-14 sq. ft.

**Hi-Flex**

1 kg of Hi-Flex powder and liquid mix should cover 14-15 sq.ft.

Flex, Available pack sizes  
**3kg, 15kg, 30kg**

Hi-Flex, Available pack sizes  
**12kg, 24kg**

\* Elongation tested as per ASTM D 412, at 50 kg per sq.cm tensile load @ 1 mm DFT

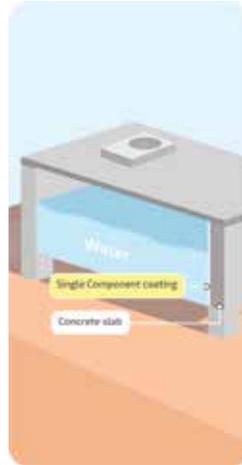
# For Double Protection of Water Tanks, Single Component waterproofing



Single Component Waterproofing is a specialist waterproofing product for drinking water tanks. It is food-grade approved by CFTRI (Central Food Technological Research Institute) making it safe for storage tanks of drinking water.

## AREAS OF APPLICATION

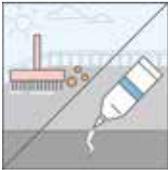
Water tanks and small exterior areas like sloping roofs and terraces.



Single  
Component

## HOW TO USE SINGLE COMPONENT FOR BEST RESULTS

### 1 SURFACE PREPARATION



Clean the prepared slab using a wire brush and jet wash to remove any dirt or oil.

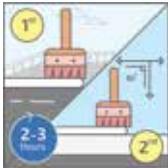
Wet the surface with water and ensure there is no standing water present prior to application i.e. surface saturated dry (SSD) condition.

### 2 MIXING



Add 1 kg powder to 350-380 ml of water and mix well to get a lump-free consistency, preferably with a mechanical stirrer.

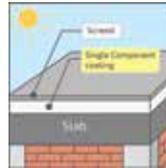
### 3 APPLICATION **Apply 2 coats**



Apply the 1st coat using a stiff nylon brush.

Apply the 2nd coat after 2-3 hours in perpendicular direction to the 1st coat.

### 4 SCREED COAT



Immediately after the 2nd coat, sprinkle some dry sand over it. Do water pond test for 4-5 days after 72 hours of 2nd coat.

Apply screed as the final step.

## BENEFITS OF SINGLE COMPONENT



Better dampness prevention



Safe for drinking water



Quick application



Helps protect structural strength



Higher durability of home

## COVERAGE

1 kg of Single Component mixed with 350-380ml of water should cover 11 sq. ft. in 2 coats with an average thickness 0.7mm per coat.

Available pack sizes  
**1kg, 5kg, 25kg**



**UltraTech**  
CEMENT

*The Engineer's Choice*

**WEATHER PRO**



Contact us for more information

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