

# Weather Tuff®

Building Surface Solutions

## New

# HYDRO SEAL-W+

Waterproofing Cement Compound

## About HYDRO SEAL-W+

**HYDRO SEAL-W+** is a combination of organic and inorganic components that reacts with Portland cement to produce complete hydration. The increased hydration not only provides internal curing & a much denser cement paste, but also increases the early & ultimate strength of concrete thus produces highly durable impermeable concrete or mortar, for the protection against water leakages.

## Advantages

- Completely water tight cement concrete or plaster.
- Resist water penetration & absorption in to concrete & plaster surface.
- Increase density & strength of the Cement mortar by reducing water to cement ratio.
- Helps reduce salt precipitation, efflorescence & fungal growth.
- Helps Crystallization of cement particles.
- Gives protection to cement surface against vapors of acid & alkali.

## Application

It is necessary that HYDRO SEAL-W+ is to be added into cement exactly as recommended below.

**Mortar :** For plastering mortars or screed - HYDRO SEAL-W+ must be diluted with Gauging water for better dispensing in the proportion of 1:15 (HYDRO SEAL-W+ : WATER) and to be added in the desired cement / sand dry mix (e.g.: 1:6, 1:2 etc) Necessary additional quantity of water should be added to get the desired consistency. As a guideline – use only 200gms. HYDRO SEAL-W+ for 1 bag (50kg.) of cement equivalent mix with dilution as recommended above.

**Concrete :** HYDRO SEAL-W+ should be diluted with gauging (part of the mixing water) and then to be added in the wet mix during the process of mixing concrete. For the best results, we recommend the following dosages.

200gms. 50kg. cement – Where, Cement content is more than 350kg. / m<sup>3</sup>

300gms. 50kg. cement – Where, Cement content is less than 350kg. / m<sup>3</sup>

## Available size

200 gms, 1 kgs, 5 kgs, & 20 kgs.

**HYDRO**

**SEAL-W**

Waterproofing Cement Compound

is also available in White Colour



## Ultimate Strength for Cement Plaster & Concrete

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## Uses

- Water proofing
- Damp proofing
- Moisture ingress protection of rendering works in building or industrial structures like Basement
- Septic tank
- Damp proof Coarse (DPC)
- Swimming pool
- Underground or overhead water tank, Floor exposed plaster etc.
- Structures exposed to heavy rain or under aggressive weather conditions.
- Repairing/maintenance of structures like wall, floor, roof screed or any other attacked areas which needs to protect from sweating & fungal attack.

## Technical Specification

<b>Type</b>	: Inorganic modified water proofing additive
<b>Form</b>	: Thick pasty liquid
<b>Colour</b>	: Brown
<b>Sp. Gravity</b>	: 1.1±0.02
<b>Confirms to</b>	: IS: 2645-1975, IS: 9103
<b>Chloride</b>	: Almost Nil
<b>Setting time</b>	: Normal
<b>Strength</b>	: Increased
<b>Toxicity</b>	: Non Toxic but avoid inhalation
<b>Fire hazards</b>	: Nil
<b>Shelf Life</b>	: 6 months if stored in original unopened container & in cool dry place



Manufactured & Marketed By :

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