

# HYDRO SEAL - W

**NORMAL  
SETTING  
INTEGRAL  
WATERPROOFING  
CEMENT  
COMPOUND**

## HYDRO SEAL - W

is a combination of organic and inorganic components that reacts with Portland cement to produce more 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.

## ADVANTAGES:

- Completely water tight cement concrete or plaster.
- Resists water penetration and absorption in to concrete and plaster surface.
- Prevents salt pater action, efflorescences, dampness & fungal growth.
- Ensures complete Crystallisation of cement particles.
- Reduce water cement ratio, thus increase density and strength of the mix.
- Gives protection against vapours of acid & alkali.

## USES

Waterproofing, Damp Proofing, Moisture ingress protection of concrete or 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, rising damp or salt pater action.

## APPLICATION:

It is necessary that HYDRO SEAL - W is to be added into cement exactly as recommended below, otherwise all efforts of water proofing qualities will get fail.

## MORTAR:

For plastering mortars or screed - HYDRO SEAL - W must be diluted with water for better dispersion in the proportion of 1:15 ( HYDRO SEAL - W: WATER ) and to be added in the desired cement / sand dry mix (eg: 1:6, 1:2 etc) Necessary additional quantity of water should be added to get the desired consistency.

As a guideline - use only 200 gms. HYDRE 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 best results, we recommend the following dosages.

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

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

## CAUTION :

- Never use Hydro seal-W directly in to the dry mix ingredients without dilution or adding any water.
- Shake well before use to get uniform homogeneous liquid.
- Avoid contact to eyes and skin.

## TECHNICAL SPECIFICATIONS:

Type	: Inorganic modified water proofing additive
Form	: Thick pasty liquid
Colour	: white
Sp. Gravity	: 1.1 + 0.02
Conforms to	: IS: 2645 - 1975, IS : 9103.
Chloride	: Almost Nil
Setting time	: Normal
Strength	: Increased
Toxicity	: Non Toxic but avoid inhalation
Fire hazards	: Nil
Shelf Life	: 18 months if stored in original sealed container & in cool dry place.
Packing	: 200 gm., 1 kg., 50 kg., 100 kg., drum.

## NOTE :

Every reasonable care is taken in the manufacture of **HYDRO SEAL-W** products to ensure our highest quality standard. All recommendations, basic informations are given in good faith but without any warranty since the condition of use are beyond control. It is entirely responsibility of the use to make his own test to determine the suitability of the products for his own purpose under normal operating conditions.

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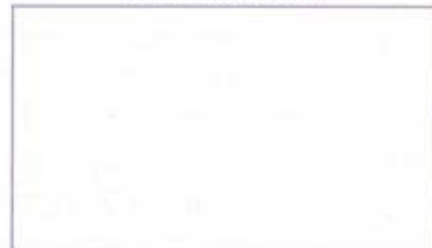
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