

# HYDROPRUF 300

## Anti-Crack Integral General Waterproofing Admixture for Concrete and Plaster

### Description

HYDROPRUF WP300 is a specially formulated Liquid anti-crack, integral, general waterproofing admixture which reduces the transmission of water through concrete, mortar and screed. It is suitable for use in all concrete, mortar or screed. Typical applications areas include, wall plasters, Foundation, piles, water retaining structures, manholes, sewage treatment plants, swimming pool, and septic tanks.

### Advantages

- Reduces the permeability of the concrete, plaster and screed, thereby increasing building durability.
- Unlike coatings, HYDROPRUF WP300 when added to plaster or concrete during mixing becomes an integral part of the concrete and plaster; hence, waterproofing protection is still maintained even if surface damage occurs.
- It helps to increase the compressive strength of concrete
- Protects reinforcement bars against ASR attack and corrosion
- Helps to reduce shrinkage crack development in concrete and Plaster especially in hot weather.
- Increases the overall workability of concrete during placement

### Areas of Use

HYDROPRUF WP300 can be used for the waterproofing of all types of concrete, plaster and screed. It such as:

- Foundation
- Swimming pool
- Wall plaster and Screeding
- Septic tank
- Water retaining structures
- As a complimentary protection in the Screeding of terraces, Balconies and Roof Gutters.
- All concrete, Mortar and Screed requiring waterproofing.

### Technical Properties

**Appearance:** Low Viscous Brown Liquid  
**Specific Gravity:** Typically, 1.05 at 20°C  
**Chloride Content:** Nil to BS 5075  
**Water permeability test:** 2645: 2003 Passed  
**PH:** 9 - 12  
**Density:** 1.15g/cm<sup>3</sup> ± 0.01

### Limitation

HYDROPRUF WP 300 Is not a replacement for good concrete practice. Please note that no amount of waterproofing admixture can replace and make up for poor quality concrete. As a minimum requirement Costar Building Products recommends a minimum of 300 kg of cement per cubic of concrete.

### Standard

HYDROPRUF WP 300 meets the water absorption requirements of the European Standard BSEN3934-2.

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## Dosaging

The recommended dosage for HYDROPRUF WP300 is 0.5% to 1.5% of cement content. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site.

## Packaging

25 L gallon

## Storage

12 months when kept in a dry and closed area, away from freezing temperatures.

## Health and Safety

In case of contact with skin and eyes, wash with plenty of water.  
·Protective mask should be worn during the preparation of the product.

## Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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