

HYDROPRUF 100

Anti-Crack Integral General Waterproofing Admixture for Concrete and Plaster

Description

Hydropruf 100 is a specially formulated 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 100 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 ASL 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

Application

HYDROPRUF WP100 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: White powdery substance

Specific Gravity: Typically, 1.05 at 20°C

Chloride Content: Nil to BS 5075

Water permeability test: Nil 2645: 2003 Passed

Limitation

HYDROPRUF WP 100 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.

Standards

HYDROPRUF WP 100 meets the water absorption requirements of the European Standard BSEN934-2.

Package Size

20kg

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Dosage

The recommended dosage for HYDROPRUF WP100 is 1 - 2% weight of cement. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site

Storage

12 months when kept in a dry and closed area stacked in loads of maximum 5 bags, 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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