

HYDROPRUF WP100

Anti-crack Integral General Waterproofing Admixture for Concrete and Plaster

Product Description:

Hydropruf WP 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 WP100 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

Standard Compliance and Specification:

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

Typical Application Areas:

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.*

Dosage:

The recommended dosage for HYDROPRUF WP100 is 1Kg per 50kg bag of cement. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site.

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 Armorsil recommends a minimum of 300 kg of cement per cubic of concrete.

Technical Information:

Appearance : Turbid Solution
Specific Gravity : Typically 1.05 at 20°C
Chloride Content : Nil to BS 5075

Water permeability test: 2645: 2003 Passed

Packaging:

5KG, 10KG, 20KG, 200KG

Health and Safety Precautions:

HYDROPRUFF WP100 should not be swallowed or allowed to come into contact with skin and eyes. Please use gloves and protective goggles

Shelf Life:

HYDROPRUF WP100 has a shelf life of 12 months.



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