

AQUASEAL 300

Anti-crack Integral General Waterproofing Admixture for Concrete and Plaster

Product Description:

AQUASEAL-300 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, **AQUASEAL-300** 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

Standard Compliance and Specification:

-) **AQUASEAL-300** meets the water absorption requirements of the European Standard BSEN934-2.

Typical Application Areas:

AQUASEAL-300 can be used for the waterproofing of all types of concrete, plaster and screed. 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 **AQUASEAL-300** is 0.5% to 1% of cement content. However, optimum dosage to meet specific requirements should always be determined by trials using the admixture on site.

Limitation:

AQUASEAL-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 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:

AQUASEAL-300 is packed in **20LITRES** and 5LITRES kegs

Health and Safety Precautions:

AQUASEAL-300 should not be swallowed or allowed to come into contact with skin and eyes. Please use gloves and protective goggles

Shelf Life:

HYDROPRUF WP300 has a shelf life of 12 months

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. Armorsil Manufacturing supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. Armorsil Manufacturing does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to Armorsil Manufacturing in writing within seven working days of being detected.

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