

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 application areas include, wall plasters, Foundation, piles, water retaining structures, manholes, sewage treatment plants, swimming pool, and septic

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

STANDARD COMPLIANCE AND SPECIFICATION:

- **AQUASEAL-300** meets the water absorption requirements of the European Standard BS: EN 3934-2.

TYPICAL APPLICATION AREA

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 1.0% 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.

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TECHNICAL INFORMATION

Appearance:	low viscous brown liquid
Density:	1.15g/cm ³ ± 0.01
Chloride Content :	NIL
Water permeability test:	2645: 2003 Passed PH: 9- 12

PACKAGING

5 litres, 20 litres, 25litres

HEALTH AND SAFTY

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

SHLEF LIFE

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 e x p r e s s e d 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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