

AquaArm Proof WP-10

Integral Waterproof Liquid

TECHNICAL DATA SHEET

Product Description

It is a single component chloride free Integral Waterproofing Liquid admixture for concrete and mortar to minimize the shrinkage cracks, permeability and increase the waterproofing properties of concrete and mortar.

Uses

- For Waterproofing of concrete at roof slabs
- Water tanks
- Plasters etc

Features & Benefits

- Improves workability
- High reduction in permeability
- Reduces shrinkage cracks
- Chloride free hence doesn't affect concrete
- Increases cohesiveness of concrete & mortars

Application Methodology

Application Mortar

AquaArm Proof WP-10 is recommended for use in all sand/Cement Mortars where it is required to reduce permeability to a minimum.

Concrete

AquaArm Proof WP-10 is recommended for all general mass concrete work where, the risk of porosity and permeability must be minimized.

Instruction for Use

AquaArm Proof WP-10 should be mixed with gauging water or can be added to concrete during the process of mixing. The mixing should be continued for at least one to two minutes after the addition of AquaArm Proof WP-10.

The gauging should be properly adjusted taking into account the water reduction brought about due to the presence of AquaArm Proof WP-10.

The exact quantity of AquaArm Proof WP-10 to be admixed in production of water proof concrete conformed to particular standards is best determined by conducting preliminary site trials.

Coverage

AquaArm Proof WP-10 normal recommended dosage is 125 ml per bag of cement.

Effect of Over Dosing

An over dose of Double the intended amount of AquaArm Proof WP-10 will result in an increase in retardation as compared to that normally obtained at the intended dosage. This effect is found in most of the waterproof admixtures only the degree may vary. Overdose may also cause increased air entrainment, which will tend to reduce strength.

Technical Data

Color	Brown
Physical Form	Liquid
TYPICAL DATA WITH OPC 43 GRADE CEMENT	
Setting time Initial	145 min.
Setting time Final	360 min.
Chloride Content (2% Maximum) (IS 2645-2003)	0.0098%
Permeability (IS2645)	18% compared to 50% max
Compressive Strength	Not less than to control Mortar strength

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125 ml per 1 bag of cement.

Packaging

125 ml, 500ml, 1, 5, 10, 20, 100 Lit & 225Kg Packs.

Storage & Shelf Life

Store in cool dry place.

24 months from date of manufacturing.

Health & Safety

Use of hand gloves is necessary while mixing the Product. In case of contact with skin or eyes, use plenty of water to wash and obtain medical help immediately.

Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

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