

## ARACO PWP

### Powder Waterproofing Admixture

#### Product Description

ARACO PWP is powder waterproofing admixture for cement-based mortars, screeds and concrete. It blocks the pores in the concrete and the mortars. So, it stops water absorption and prevents the passage of water and moisture. ARACO PWP does not contain calcium chloride and will not initiate or contribute to corrosion on steel reinforcement present in the concrete.

#### Applications

ARACO PWP is used to waterproofing admixture for concrete and cement-based mortars in many areas such as:

- Basements and foundations.
- Potable water and waste water treatment plants.
- Facades, external walls.
- Wet areas.
- Potable water and waste water treatment plants

#### Product Advantages

- Chloride free - does not attack reinforcement.
- Does not rely on film formation. It becomes a permanent part of the concrete/mortar.
- Improve workability
- No need to additional water.
- Breathable
- Reduces efflorescence from cement mortars.

#### Surface Preparation

ARACO PWP powder can be pre-mixed with the cement, or can be added into the mixer at the time the cement is added to the aggregate or can be mixed with the dry mix sand / cement mortar prior to mixing with water. Don not pre-dissolved in the mixing water.



Package: 1 kg plastic bags

#### Curing

Good curing is essential. Cover the work with plastic sheet fixed over wet hessian and cure with water for 3 to 4 times daily.

#### Recommendations

- Waterproofing properties may be affected by concrete mix design (the use of dusty sand or poorly graded sand, type of Portland cement, cement content and w:c ratio),
- Lower water to cement ratio gives lower permeability concrete.
- Good concrete placing and compaction are very important to produce waterproof concrete.
- Fresh concrete should be protected against rapid drying and cured properly.

## Technical Data

Density of the mix	0.9 Kg/m <sup>3</sup>
Chloride content	Nil
Recommended dosage	2 % by weight of cement
Water Penetration	Less than 5 mm after 120 hours
Compatible Cement	All Portland Cement

## Product Data

Composition	<b>ARACO PWP</b> contains a blend of waterproofing ingredients. It does not contain chlorides.
Appearance	White Powder
Storage condition	Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates, the product must be stored in an air-conditioned environment.
Shelf Life	12 months minimum from production date if stored properly in original an opened packaging

## Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.

## Legal Notes

The information, recommendations, and application are based on ARACO current knowledge and experience of the products when properly stored, handled, and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and sold subject to standard conditions. Users should always refer to the most recent technical data sheet for the product concerned, copies of which will be supplied on request.

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- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring