

ARACO FLEXIBLE WP

Elastomeric Cementitious Waterproofing Membrane

Product Description

ARACO FLEXIBLE WP is a two component flexible polymer modified cementitious waterproofing coating.

ARACO FLEXIBLE WP is suitable for use and contact with potable water. ARACO FLEXIBLE WP can withstand negative hydrostatic pressure.

Standards Compliance

- EN BS 1992-3:2006
- EN BS 6920

Uses

ARACO FLEXIBLE WP can be used:

- To waterproofing swimming pools , water tanks , dams, canals,
- To waterproofing wet areas
- To Protect concrete and Masonry against chloride and carbon ions penetration.

Product Advantages

- Non toxic
- Flexible
- Withstands high positive and negative pressure
- Excellent adhesion
- Ready to receive tiles
- Cracks bridging
- Chemicals resistant

Surface Preparation

Substrate must be clean and free of all foreign or contaminating materials such as oils, grease, curing compounds and dust, loose aggregate or sand particles. Existing construction joints are opened longwise in a V shape to a depth of about 3 cm and are subsequently filled and corners like

wall to floor junctions should be filled and smoothly rounded with Araco Rep TX or a cement mortar improved (fillets having a triangular cross-sectional area with sides of 4-5 cm). Moisten the surfaces few hours before applying **ARACO FLEXIBLE WP**.

Prior to the application of **ARACO FLEXIBLE WP**, soak the entire surface with clean water. Then allow the substrate to dry out.



Package: 10 kg powder + 5kg liquid.

Coverage: 2-4kg/m² for 1mm TCK

Mixing

To prepare a kit of ARACO FLEXIBLE WP, Mix Component A and B together for a period of 2- 3 minutes using an electrical with low rotation speed (300 rpm) for 2-3 minutes until a lump free homogeneous mixture is obtained.

Application

ARACO FLEXIBLE WP can be applied by the mean of a brush, roller or trowel. It is recommended to apply two layers or more of ARACO FLEXIBLE WP .the first layer should not cover more than 1 kg/m² to fill surface, especially where holes or crack appears. Once the first layer had dried out, apply second layer coating in proportion 0.5 to 1 kg/m².

Product Data

Color	A. Grey Or White B. White Liquid
Density	1.8 kg/Liter
Cracks	Static : 1 mm
Accomodation	Dynamic :0.3 mm
VOC	<10 gm/Liter
Pot life	1 Hour
Storage life	Store in a dry shaded area at temperature between 10°C and 40°C.
Shelf Life	Original Sealed container has a shelf life of 12 months if stored in the right conditions

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.

Technical Data

Reduction of water absorption	90.65 %	ASTM C348
bond strength at 28 day	>0.9 Mpa	ASTM D4541
Toxicity	Pass	EN BS 6920
Chloride Content	Nil	ASTM C1218
Resistance to positive water pressure	>3 Bar	ASTM E2268
Abrasion Resistance	42 Mpa	ASTM E514
Chloride Diffusion	No penetration after 24h	ASTM C1556
CO2 Diffusion	90 m of concrete	ASTM D1434

More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

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