



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.

Advantages

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

Characteristics

Appearance	A. Grey Or White B. White Liquid
Density	1.8 kg/Liter
Cracks Accomodation	Static : 1 mm Dynamic :0.3 mm
Pot life	1 Hour
VOC	<10 gm/Liter
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf life	Original Sealed container has a shelf life of 6 months if stored in the right conditions



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PACKAGE	10 kg powder + 5kg liquid.
COVERAGE	2-4kg/m ² for 1mm TCK

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.

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.

ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.l.

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TECHNICAL DATA

Water Absorption	Results	STANDARD
Reduction of water absorption	90.65 %	ASTM C348
Bond strength (Pull off strength)		
bond strength at 28 day	>0.9 Mpa	ASTM D4541
Durability TESTS		
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

Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to 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 - 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 are sold subject to its 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.