

ARACO BITUMEN WB

Water-based Bituminous Emulsion Protective Coating

Product Description

ARACO BITUMEN WB is a water-based bituminous emulsion protective coating. It is used as a cold applied primer, damp proofing and protective coating for various substrates like concrete, cement screeds, metal, wood, damp surface, etc. Applies with brush, roller and Spray.

Complies with ASTM D-1227 type 3 Class 1

Applications

ARACO BITUMEN WB is designed for a wide range of use such as:

- General damp proofing applications for concrete, asbestos cement, roofing felt, slate tiles, wood, etc.
- Protective coating for concrete structures against aggressive soil salts and contaminated ground water.
- Vapor barrier on concrete and masonry walls prior to cladding.
- Primer for bituminous waterproofing membranes.
- When mixed with sand & cement, it produces a waterproofing mortar.

Surface Preparation

- The surface to be coated must be clean, sound, dust free and un-contaminated.
- Remove Loose parts, form release agents, cement laitance and paint.
- Concrete Surfaces should be leveled and as flat as possible.
- Cracks and blowholes should be filled with suitable repair mortar.
- Defected concrete should be filled with suitable repair mortar.
- It is important to stop water ingress prior to the application of **ARACO BITUMEN WB**.
- Wash the substrates with clean water and remove any excess water at the time of application to achieve SSD Condition.



Package: 10 Kg & 15 Kg Pails and 200 Kg Barrels

Product Advantages

- Cold & Easy applied.
- Economical Use.
- Water-based - Contain no solvent neither health hazard.
- Resist to salt attack and chloride in water.
- Chemical resistance to mild detergents, acids, and alkalis.
- Excellent adhesion to concrete surfaces old & new.

Consumption

Primer: 4-5 m²/kg (one coat only).

Protective coating: 2-4 m²/kg/coat depending on the substrate porosity (two to three coats min)

Note:

Coverage rate takes no account of wastage and may vary according to surface condition and application method.

Product Application

The product Content should be mixed well with clean water before use. The parrels should be rolled before decanting material.

As a primer

- **ARACO BITUMEN WB** primer coat can be obtained by diluting **ARACO BITUMEN WB** with 50% clean water according to porosity and dryness of the surface.
- Mix manually using suitable hand tools until a homogeneous consistency is achieved.
- Apply the primer coat with stiff brush and allow it to dry for 12-24 hours.

As a protective coating

- Two coats application is recommended to avoid possible pin holes in the dry film.
- Apply the first coat of **ARACO BITUMEN WB** diluted 20 - 30% with water uniformly by stiff brush in one direction.
- Allow it to dry for 6 hours minimum.
- Apply the second coat of **ARACO BITUMEN WB** diluted 5 - 10% with water using the same application technique but at right angle to the first coat.

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

Density of the mix	1.350 ± 0.05 Kg/m ³	
Dry Film Thickness	0.5 mm / Layer	
Solid Contents	65 ± 5	
Substrate Temperature	+10°C minimum / +35°C maximum	
Pot Life	40 minutes @ 25°C	
Tensile Strength	>12 N / mm ²	ASTM D412

Product Data

Composition	ARACO BITUMEN WB is composed of high quality selected emulsified bitumen, high proportion of stabilizers, thickeners and special additives.	
Appearance	Dark Brown Liquid – Black to brown film	
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	