

ARACO BITUMEN R

Water-Based Elastomeric Rubber Bituminous Emulsion Protective Coating

Product Description

ARACO BITUMEN R is a water-based elastomeric rubber bituminous emulsion with high quality asphalt and special additives. Providing superb elasticity and durability. 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.

ARACO BITUMEN R has excellent resistance to water, diluted acids and alkalis, chloride and sulphate ions.

Complies with ASTM D1227, Type 3, Class 1

Applications

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

- Foundation for tanks and waterproofing structures
- Adhesive for bonding wood blocks, insulation board and expanded polystyrene
- 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.

Product Advantages

- Chemical resistance to water, diluted acids and alkalis, chloride and sulphate ions.
- Economical.
- Can be used for damp areas.
- Water-based - Contain no solvent neither health hazard.
- Easy apply with brush, roller and Spray.
- Superb adhesion.
- Elastomeric - Excellent movement capability.
- No re-emulsification in water.



Package: 15 Kg Pails and 200 Kg Barrels

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 R**.
- Wash the substrates with clean water and remove any excess water at the time of application to achieve **SSD** Condition.

Consumption

Protective coating:

First coat: 0.4 Kg/m²

Second Coat: 0.3 Kg/m² (Depending on the substrate porosity).

Adhesive for insulation & Tiles: 0.6 - 0.8 Kg/m²

Note:

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

Product Application

As a Protective Coating

- Apply **ARACO BITUMEN R** by brush, roller and squeegee
- It is recommended that two coats of **ARACO BITUMEN R** be applied.
- Apply the first at the rate of 0.4 Kg/m² depending on the substrate porosity. Allow to dry before applying the second coat (Minimum 2 hours between coats)
- Apply the second coat at right angle to the first coat at the rate 0.3 Kg / m².

As an Adhesive for Insulation & Tiles

- Allow both surfaced to be bonded with the rubberized coating at 0.6 - 0.8 Kg / m² rate.
- Allow to become tacky before pressing firmly together. Hold material in place until sufficient adhesive strength is developed.

Technical Data

Density	1.05± 0.05 Kg/m ³	
Rubber Content	8%± 2%	ASTM C1090
Application Temperature	+5°C minimum / +55°C maximum	
Substrate Temperature	-5°C minimum / +85°C maximum	
Dry Time	2-3 hours minimum @ 20°C	
Curing time	1-2 days	
Flash Point	Non flammable	
Over Coating	Min. 2 hours Depending on temperature	

Product Data

Composition	ARACO BITUMEN R is a cold applied bitumen emulsion with added rubber latex.
Appearance	Dark Brown Liquid – Black 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

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.

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