

Single Component Non-Fibrated Bitumen Emulsion

DESCRIPTION

BAYPROOF RB40® is a Single Component Non-Fibrated Bitumen Emulsion Coating Based On Polymer Modified Bitumen, with Vapor Proof properties, Which When Dries Achieve a Firm, Flexible, Joint Less Waterproof and Protective Membrane

USES

- ☐ Horizontal & vertical dump proofing for Concrete surface
- ☐ Asbestos Cement sheets
- ☐ Fixing of PIR Boards & Roofing felts
- ☐ Wood
- ☐ Steel works, pipes and Metal

ADVANTAGES

- ☐ Fast Setting
- ☐ Non-Sag on vertical surfaces
- ☐ Ready to use
- ☐ Flexible on Low temperature
- ☐ Solvent free
- ☐ Non-flammable

COMPLIES

ASTM D 40, ASTM D 2833, D-412, D-417

MATERIAL DATA

Type	Non-fibrated Polymer modified Bitumen
Form	Standard brown-Black
Packing	18 Kg & 180 Kg Pack (UAE) 16 KG (Lebanon)
Storage	12 month in unopened packaging, between 5°C and 35°C

TECHNICAL DATA

Specific Gravity	1.0 ± 0.05 @ 25°C
Solid Content	40%
Rubber Content	10%
Elongation at Break	>300%
Service Penetration	-100°C to +85°C
Flash point	N/A
Drying Time	1-3 hours @ 25°C
Shelf Life	12 month
Surface Situation	10 days post the application on New Concrete

Note: all values above are subject to 10% variation tolerance

APPLICATION DETAILS

Surface Preparation

Substrate should be sound, clean and free from dirt, dust, laitance and all loosely adhering particles. Where moss or lichen is present, remove sheets, cut and reseal blisters in asphalt or roofing. Remove chipping other than those that form the surface of mineralized felt.

APPLICATION

Depending on the porosity of the surface, Apply **BAYPROOF RB40®** directly to the concrete substrate, using a Brush, roll or Spray machine at a thickness of 0.3-0.5mm per coat in 2 coats.

Porous surface and fiber reinforced cement should be primed using **BAYPROOF RB40®** Diluted with 1:6 with Potable water.

All Pipe penetrations, angle fillings and joints should be reinforced using a non-woven reinforcement sheet.

Important Note: Vertical tilling without Mechanical support is not recommended and should be avoided.

METHOD OF APPLICATION

- Surface preparation as required
- Priming: Apply 1 Diluted coat of **BAYPROOF RB40**
- Apply 2 coats directly on the substrate and allow for 2-4 hours recoating time

DRYING TIME

1-3 hours depending on the weather conditions

THICKNESS

2.50 ltr/m² @ 1mm DFT in 2-3 coats

SAFETY

Protection Measures

BAYPROOF RB40R® is Water Based Bituminous product and there is risk of cauterization in the event of contact with the eyes; will lead to dehydration and thereof irritation in case of contact with skin. So while mixing and applying the product, protect with safety goggles and protective gloves

- Splashes to skin must be washed off with water and Soap
- Splashes to the eyes must be rinsed with clean warm water. Seeking medical attention is highly recommended and mandatory
- Reseal the Container after each use.

Toxicity: Non-Toxic Material

Transportation: Non-Hazardous Material

Remarks

Empty cans should be disposed as per the rules and regulations of the country where the material is used. And in **NO case** should empty cans be used for food stuffing.

Important Notice:

The above data is based on our experience and extensive laboratory tests. It may be considered to be a general advice only and cannot be granted to meet the requirements for all the intended uses. It is the responsibility of the end user to ensure that the product is suitable for the purpose for which he wishes to use it. In view of many varying factors that are encountered during the application of the product it does not exclude the end users from not conducting their own test before actually using the product. We are thus only responsible for the quality of the product itself and not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product. Any such matters should be specifically agreed to in writing by us. Bayshield reserves the right to modify the contents of the data sheet from time to time without notice as a system requirement in updating our products from time to time.

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