



**Green Build
Egypt**
Experience and Innovation

HYDROPROOF RB

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Acrylic modified, Rubberized, Water-Based Bitumen for waterproofing of severe and submerged structures.

Value Added

Hydroproof RB is an Acrylic modified, and rubberized water based bitumen emulsion, easy to apply, after complete dry forms a durable waterproofing barrier for various building surfaces; concrete, bricks, blocks, and plaster, High build, so all needed thicknesses could be applied in just one application, it is not easily removed by submersion standing water.

Economic, Easy to apply

- High application rate from 4-5 m² / kg according to the surface conditions.
- Supplied in 15, 150, or 1000 Kg. Plastic packs.
- **Hydroproof RB** Applied by brush or roller or by suitable spray machine.

Specifications

- **Hydroproof RB** is a grayish black viscous material.
- Density: 1.1 Kg./ Lit.
- Touch Dry Time: 60 min.
- Total Dry Time: 12 Hours.
- Elongation: 400 %.
- Bond St. to concrete: 1.7 Megapascal.
- Acid and alkaline resistance: Passed
- Valid for one year from the production date on the pack.



Hydroproof RB Features.

- Acrylic modified, and rubberized Water-based bitumen emulsion, specially designed and manufactured for concrete and building elements subjected to severe conditions and submerged cases..
- Strong adhesion to all building surfaces like, concrete, brick, plaster, and all other building surfaces.
- Easy to apply, and economic solution for general waterproofing jobs.
- Very safe, not flammable since it is water based and does not need flame or torch for application.
- Durable and abrasion resistant for buried concrete and building items.



Application Fields

- **Hydroproof RB** is used in various waterproofing jobs specially those which are subjected to severe conditions and submerged circumstances.
- Waterproofing of below ground concrete elements and structures.
- Waterproofing of all types of concrete pipes with all diameters from outside.
- This can also be used as the protective coating for built-up roofing systems and other exposed surfaces.
- Could be used as a curing agent of freshly laid concrete surfaces.
- **Hydroproof RB** is a water-based material and does not contain any harmful contents to the Environment.

Contents

- * Each pack contains the latest technology of bitumen emulsion type and modified with acrylic resin to offer high quality water-based bitumen and long stable storage time.
- * Each pack also contains special additives to promote the adhesion of bitumen to building surfaces.
- * Each pack also contains special additives to enable high build application to save time and money.

Application Guide:

- The surface to be covered with **Hydroproof RB** should be clean from dust, oil, and any other contaminants which may affect the bond between the Bitumen and the surface.
- Apply the first primer coat thinned with water 10 % to ensure penetration of **Hydroproof RB** and keying inside the pores of the surface.
- Apply the second coat after 2-4 hours after the first coat with the required thickness.
- Clean all tools with water only, no need for any solvent for cleaning.



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