



**Green Build
Egypt**
Experience and Innovation

HYDROPROOF

هيدروبروف

Water-Based Bitumen Emulsion for general waterproofing

Value Added

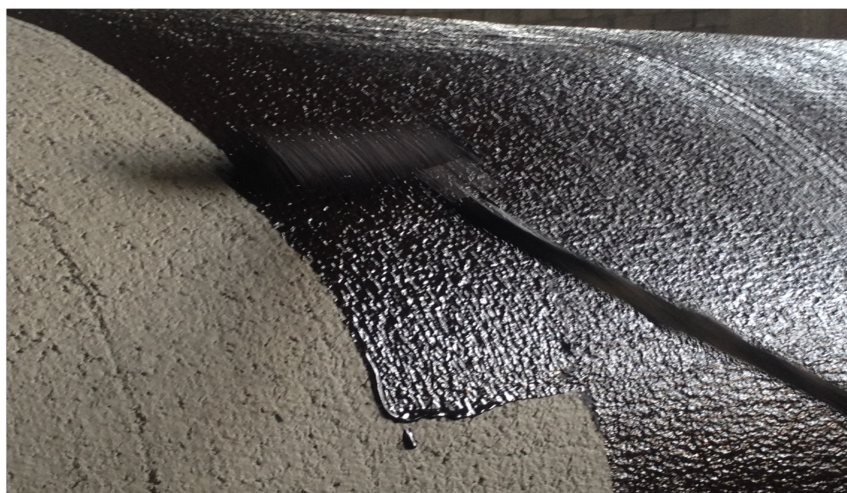
Hydroproof is a water based bitumen emulsion , easy to apply, after complete dry forms a waterproofing barrier for various building surfaces, High build, so all needed thicknesses could be applied in just one application.

Economic, Easy to apply

- High application rate from 3-6 m² / kg according to the surface conditions.
- Supplied in 20 Plastic Pack, 180 Kg. Steel .
- **Hydroproof** Applied by brush or roller or by suitable spray machine

Specifications

- **Hydroproof** is a black viscous brush-able material.
- Density: 0.98 gm./ cm³
- Surface Dry: 3 hours.
- Complete Dry : 24 hours.
- Flexibility at 10 °C : Passed.
- Elongation at 2 mm thick: 100 %.
- Bond Strength on Concrete: 2.5 Megapascal.
- Heat Resistant at 60 ° for 48 hours: Passed.
- Acids and Alkaline resistance: passed
- Does not contain any poisonous or harmful material, and not flammable.
- Valid for one year from the production date on the pack.



Hydroproof Features.

Water-based bitumen emulsion, specially designed and manufactured as strong waterproofing layer against water and vapor attack.

Suitable for 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** is used in various general waterproofing jobs.
- Waterproofing of below ground concrete elements and structures which are above the water table.
- Waterproofing of all types of concrete pipes with all diameters from outside.
- Waterproofing of building facades before the installation of Glass Cladding or GRC structures.
- This can also be used as the protective coating for built-up roofing systems and other exposed surfaces.
- Could be used as a primer before installation of Torch Applied bitumen based rolls.
- **Hydroproof** 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 specially treated 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** 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 5-10 % to ensure penetration, of **Hydroproof** and keying inside the pores of the surface.
- Apply the second coat after 3-4 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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