

# AQUAPROOF - 6010

A high quality bitumen emulsion  
With minimum 10% rubber content on dry film

## Description

**Aquaproof-6010** is a high quality bitumen emulsion. With minimum 10% rubber content on dry film. Designed to use as a damp proof membrane, vapors barrier, waterproofing and protective coating.

## Standards

Aquaproof – 6010 complies with performance requirement of ASTM D 1227 Type III, Class I. Tested in accordance of ASTM D 2939 and other relevant international standards.

## Characteristics / Advantages

- Single component and easy application (Brush, roller or airless spray)
- No heating required (cold application)
- Suitable for closed places applications (solvent free)
- Can be applied over damp surfaces
- Excellent adhesion on damp and dry surfaces.
- High resistance to dilute acids and alkalis
- Odorless and non-toxic
- Suitable for use for below ground concrete foundations, basements, and retaining walls, column necks, ground beams and other



## Priming

Normally priming is not required, however priming the surface is recommended when the surface is very dry and porous.

For priming use one coat of AQUAPROOF

## Technical Data

PROPERTIES	RESULTS	UNIT	TEST METHOD
Specific Gravity	980-1040		ASTM D 2939
Ash Content of Residue	< 8%	%	ASTM D 2939
Water Content	50%	%	ASTM D 95
Residue by evaporation	53 ± 5	%	ASTM D 2939
Viscosity	4,000 – 6,000	Cps.	-
Firm Set	< 20 hr.	Hr.	ASTM D 2939
Drying Time	< 8 hr.	Hr.	ASTM D 2939
Rubber Content	10% on dry film	%	
Coverage Rate Depending on substrate	2-3 kg./mt <sup>2</sup> /coat	kg./mt <sup>2</sup>	-
Surface Finish	Smooth, Free from Sags, runs or surface imperfections		ASTM D 1227
Flammability	No tendency to flash or ignite		ASTM D 93
Adhesion Strength	Excellent		ASTM D 1227
Chemical Resistance	Excellent		ASTM D 543
Water Absorption	< 22%		ASTM D 570
Water Vapor Permeability	Zero		ASTM E 96

## Application

Stir well before use. As damp proof membrane, two coats of Aquaproof - 6010 is recommended. Apply the first coat at a thickness of 200 to 500 microns. Allow a minimum 4 hours between the first coat and the second coat under normal conditions. Damp and cold conditions it is recommended to allow 6 hours between successive coats. The second coat should be applied at right angles a third coat is required for very porous substrate.

## Coverage

Coverage rate varies from (30-45) m<sup>2</sup>/15 kg. pail and (400-600) m<sup>2</sup>/180 kg. drum.

## Cleaning Tools

Clean tools in soap and water immediately after use. Dried emulsion can be removed with the help of any solvent.

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## Packaging

15-kg. pails and 180-kg. drums

## Shelf Life

12 months from date of production if stored in original unopened packing in dry condition and away from sun light.

## Safety Precautions

Gloves, goggles and normal mask be worn. When contact with skin, eyes immediately wash abundant water. There are no health hazards associated with Aquaproof – 6010.

## Color

Dark brown liquid turns to black film after drying

## Technical Support

International Insulation Company (IIC) - Bitugulf technical support team consist of expert engineers on the filed offers a comprehensive service support to specifiers, end users and contractors, and on-site technical assistance



## INTERNATIONAL INSULATION COMPANY (BITUGULF)

### Factory

Western Shuaiba Industrial, Block (3), Building (90),  
Opposite of Kuwait Steel Co.

Telephone: (+965) 23262822

Fax: (+965) 23262825

Email: [info@knimco.com](mailto:info@knimco.com)

### Showroom

Shuwaikh Industrial, Block (A), Building (139),  
Opposite to Hyundai Maintenance Center

Telephone: (+965) 24912765, 90019917

Fax: (+965) 24912776

Email: [shwrm@knimco.com](mailto:shwrm@knimco.com)

Website: [www.knimco.com](http://www.knimco.com)