

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.

Approvals / Certificates

Product Manufactured in Kuwait.

Manufacturing facility is certified with the ISO 9001:2015 QMS, GMP and ISO 14001 Environmental Management

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



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	4-8 hrs. @ 25 °C 2 hrs. @ 35 °C (depends on ambient temperature, humidity & layer thickness)	Hr.	ASTM D 2939
Rubber Content	10% on dry film	%	
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
Resistance to Artificial Sea Water	Film shows rating : 2 (S2) Exposed Metal: No Rust		BS 6949:1991

Coverage depending on substrate	
1 Kg	2 to 3 m ²
15 kg	30 to 45 m ²
180 Kg	360 to 540 m ²

GENERAL INFORMATION

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 sunlight.

Color

Dark brown liquid turns to black film after drying

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INSTRUCTIONS FOR USE

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 Bitugulf AQUAPROOF

SURFACE PREPARATION

Surfaces must be clean, sound and free from oil, grease, dirt, dust and loose particles. It is desirable to dampen the surface with water if the concrete or block work is dry.

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. The second coat should be applied at right angles a third coat is required for very porous substrate.

CLEANING TOOLS

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

HEALTH, SAFETY AND ENVIRONMENT

- Gloves, goggles and normal mask should be worn by all workers during application.
- When contact with skin, eyes immediately wash abundant water.

There are no health hazards associated with Aquaproof – 6010.

All safety measures should be observed during application. Fire extinguishers should be available at site. Care should be taken with gas, and torch should not be rested on finished surface or on any materials that can be scratched by flame or hot torch. Gloves and goggles should be worn by all workers during application.

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use.

TECHNICAL SUPPORT

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

INTERNATIONAL INSULATION COMPANY (BITUGULF)

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