

# AQUAPROOF - RBE

A rubber modified bitumen emulsion. It dries to form a black, flexible coatings

## DESCRIPTION

AQUAPROOF - RBE is a rubber modified bitumen emulsion. It dries to form a black, flexible coating

## SPECIFICATION

ASTM D 1227 Type III, Class 1.

### Certificates

The manufacturing facility is certified with the ISO 9001:2015 QMS, GMP, ISO 14001 E M and ISO 45001 OH & S.

## CHARACTERISTICS/ ADVANTAGES

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



## 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	47 – 53	%	ASTM D 2939
Viscosity	1500 – 2000	Cps.	-
Firm Set	< 20	Hr.	ASTM D 2939
Drying Time	< 8	Hr.	ASTM D 2939
Rubber Content	4% on dry film	%	
Coverage Rate Depending on substrate	3 – 4	ms/Kg.	-
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	
1 Kg	3 to 4 m <sup>2</sup>
15 kg	45 to 60 m <sup>2</sup>
180 Kg	540 to 720 m <sup>2</sup>

## GENERAL INFORMATION

### Packaging

15-kg. pails and 180-kg. Drums

### Shelf life

12 months from date of production if stored in original unopened packaging in dry condition and away from sunlight.

### Color

Dark brown liquid turns to black film after drying

The information given in this data sheets is the average of test of various samples conducted under lab conditions. \*In accordance to ASTM and UEAC Standards results are subjected to 5 to 20% tolerance.

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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 - RBE is recommended. Apply the first coat at a thickness of 200 to 500 microns. Allow a minimum of 4 hours between the first coat and the second coat. The second coat should be applied at right angles as curing compound, one coat of Aquaproof RBE is sufficient it can be applied on the green concrete this would prevent rapid evaporation of water and formation of shrinkage cracks.

### 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

All safety measures should be observed during application. Fire extinguishers should be available on site. Care should be taken with gas, and torches 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.

### STORAGE

- Keep the products packed in a dry place.
- Keep away from direct sunlight.
- Do not place the pallets on top of each other.

### 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) Factory

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Opposite of Kuwait Steel Co.

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(+965) 90019846 / 90019917 / 96600332 (Sales)

Email: info@bitugulf.net

### Showroom

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

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**Note:** The technical data provided reflects typical properties based on laboratory tests and practical experience, subject to UEAtc tolerance levels. While we cannot guarantee performance under all conditions, further details are available upon request, with a standard variation of up to 20%.