

JAZEPROOF – RB

Cold Applied, Rubber / Bitumen Emulsion, Fiber Reinforced, Flexible, Damp Proof and Protective Coating

Product Description

JAZEPROOF – RB is cold applied rubber/bitumen liquid emulsion, fiber – reinforced, flexible, damp proof protective coating with an excellent adhesion to concrete and masonry substrates, excellent waterproofing properties to chlorides, sulphates and other water-borne soluble salts.

After application, it provides seamless, flexible waterproofing & protective membrane that protects the concrete substrates & masonry surfaces against aggressive environments.

Uses

JAZEPROOF - RB is formulated to be used as a flexible, fiber-reinforced damp & vapour-proof cold applied liquid membrane with an excellent resistance to water and water – borne (soluble) salts (such as chlorides, sulphates, etc.) as well as to aggressive salts existing in ground water in:

- Foundations.
- Tanks & reservoirs.
- Roof & protective coating.
- Flooring.
- Adhesives for bonding construction elements such as expanded polystyrene and cork panels, insulation boards, etc.
- Damp proof membrane in "sandwich construction".
- It can be used as a curing compound for the freshly laid concrete.
- Retaining walls.
- Basement.
- Columns.

Advantages

- Water-based, solvent-free.
- Low VOC content and environmentally friendly.
- Fiber reinforced.
- Excellent adhesion to concrete & masonry substrates.
- Flexible and crack –bridging.
- Can be applied on damp surfaces.
- Excellent waterproofing.
- Excellent resistance to water & water soluble salts and underground environments.

Standards

JAZEPROOF-RB complies with the following standards:

- ASTM D- 1227: "Emulsified Asphalt Used as a Protective Coating for Roofing", Type II, Class 2: Emulsified asphalt prepared with chemical emulsifying agent and containing filler and fiber other than asbestos.
- BS 6949
- BS 8102
- ASTM C-309 as a curing compound for the freshly laid concrete

Technical Properties

Appearance

Thixotropic black liquid

Specific Gravity	1.02
Bitumen Content in the dry Film	50 %
Rubber Content in the dry film	10 %
Solid Content	65 % (by weight)
Drying Time	60 minutes @ 25 °C
Over-coating Time	2-hours
Coverage	0.2 – 0.25 – Kg / m ² depending on the substrate conditions and surrounding conditions (two – coats).

Guide for Application

Surface Preparation

All surfaces shall be sound, clean, and free from dust, oil & grease or other materials that will affect the bond between the applied film and substrate. It can be applied on damp surfaces but standing water shall not be existing. It can be applied onto green concrete after removal of formworks.

Priming

If the concrete or masonry substrate is hot or very porous, it is recommended to prime the substrate. Dilute JAZEPROOF – RB with clean water in a ratio 1: 6, and then mix well. Apply the mixed materials (primer) onto the prepared surfaces. The coverage will be 7 – 8 m² / kg.

Application

Stir well before use.

JAZEPROOF – RB is applied using brush, roller or spray method onto the prepared substrates. Two coats are recommended and in some cases three coats shall be carried out for the optimum performance.

Cleaning

Clean any spillages with normal water and soap

Packaging

JAZEPROOF – RB is supplied in 5-Kg, or 20-Kg or 200-Kg pack size.

Storage

JAZEPROOF - RB shall be stored in normal conditions away from any extreme temperatures, or any source of moisture.

Shelf-life

12-monthes if stored properly in well-closed containers.

Health & Safety

- JAZEPROOF - RB is non-toxic, non-hazardous during handling, storage and use.
- For Ecology: Do not dispose directly to water or soil. Mix with plenty amount of sand before this to comply with the local regulations.
- Splashes on skin will be washed with water and soap.
- It is not dangerous during handling and transportation; follow the safety requirements that mentioned in Material Safety Data Sheet of the Product.