

PRODUCT DESCRIPTION

STARPROOF RBE-5010 is a ready to use cold applied bitumen emulsion modified with rubber latex, to provide a tough durable and elastic coating. The cured film is weatherproof and resistant to aggressive ground salts.

USES

- Tanking, waterproofing concrete, brick foundation, retaining wall, bridge abutments, basements & columns etc.
- Damp proof membrane in sandwich construction.
- Adhesion for bonding wooden flooring, insulation board, expanded polystyrene PVC and cork tiles etc.
- Curing membrane cum protective coating for sub structure.

ADVANTAGES

- Excellent adhesion to most building substrates.
- Single component, non-flammable and easy to apply tough impermeable film with good resistance to rupture during back filling.
- Resist attack from chloride and sulphate ions, excellent resistance to extreme of temperature, avoiding risk of flow or embrittlement.
- Sufficient elasticity to accommodate small movements and hairline cracks.
- Suitable for application into damp and dry surfaces.
- Forms a tough, elastic and seamless coating drying.
- Can be applied on vertical and horizontal surface

TECHNICAL SPECIFICATION

Property	Result	Test Method
Physical Appearance	Free flowing liquid	QC/P04/DOC/008/G TP-1
Color	Brown	QC/P04/DOC/008/G TP-1
Specific Gravity (g/cc)	0.98 – 1.02	ASTM D2939
Solid Content (%)	48-52	ASTM D2939
Rubber Content (%)	10	ASTM D1644
Drying (hours)	1-2 (touch dry)	QCP04DOC008-GTP-32
Flash Point	Non-Flammable	---
Over Coating Time (hours)	6	---
Service Temperature (°C)	-5 to +75	---

Starproof RBE 5010 confirms to the requirement of ASTM D1227 - Type III, class 1 & ASTM C309.

The drying time depends on the type of substrate, temperature, humidity, and thickness.

DIRECTIONS FOR USE

Surface Preparation:

Surfaces should be sound. Clean and free from contaminants loosely adhering particles such as cement, laitance, rust scales etc. should be removed by suitable means.

Application:

It can be applied by brush, squeegee or spray. When spraying it is advisable to dilute the product with 10% clean water. Hot dry or very porous substrates should be dampened with clean water prior to application of **STARPROOF RBE 5010**. A priming coat with it and cool clean water in equal proportions is also recommended for hot, dry & porous concreted substrates. When two or more coats are required, it is important that the preceding coat is fully dry before the successive coat is applied. Coat should be brushed at right angle to each other. When screed or

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STARproof

RBE-5010

Product Data Sheet



render is applied on to the coating, the final coat should be blind deal with clean sharp sand and allowed to dry. Brush off excessive sand prior to applying the screed or render.

It must be stirred well before use. If a primer coat is applied, allow it to dry completely before applying subsequent coats. Each coat must be allowed to dry before.

Do not apply it to outside areas in wet weather or when rain is expected. Protect freshly applied product from rain until it's fully

Cleaning:

Clean tools immediately after use in a strong soap solution. Keep brushes soaking in this solution between applications. Hardened it needs physical

Shelf life & Storage:

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is 12 months from the date of manufacturing

Available Packaging:

200ltr & 20ltr

Theoretical Coverage:

Depending on the dry film thickness required, apply the rubberized bitumen coating at 1 – m²/Ltr./coat.

Damp Proof Membrane/Vapor barrier:

Apply two coats at 3-4 m² /Ltr./coat.

Waterproof membrane:

Apply two coats at 1.5 – 2.0 m²/Ltr./coat.

Curing Membrane:

Apply two coats at 5-6 m²/Ltr./coat.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

WARRANTY:

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

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