

Description

Sealed RBE 1000 is a High Build bituminous rubberized liquid waterproofing membrane. Sealed RBE 1000 is highly recommended for water proofing application for the building structure including foundation, kitchen and toilet floors, facades and roof.

Applications

- Balconies, terraces, parking garages, asbestos and roofs
- Industrial washrooms & shower
- Water reservoirs and swimming pools
- Foundations, cellar walls, retaining walls, bridges abutments
- Refurbishing of old waterproofing system including torch-on membrane
- Facade damp proofing
- Water proofing/Curing membrane and protective coating for sub structure

Advantages

- Single component and cold applied
- Environment friendly
- Excellent vapour barrier
- Excellent UV resistance and long-term stability
- Remain highly flexible even at extremes of temperatures (-2⁵°C to 120°C)
- Resistant to chlorides and sulphates commonly present in the soil
- Compatible with cementations tiling adhesive

Standard Compliance

BS 102, ASTM C 309: 1998, ASTM D 2939

Technical Properties

Property	Value	Standard
Color	Brown liquid	
Solid Content (%)	65	ASTM D2939 – 03
Rubber Content (%)	15	ASTM D1644
Elongation (%)	1000 (approx.)	ASTM D412
Tensile Strength (N/mm ²)	> 0.3	ASTM D412
Specific Gravity	1.02 ± 0.01	
Touch Dry (hrs)	1-2	
UV and Ozone Stability	Excellent	
Temperature Resistance (°C)	- 20 - 120	
Resistance to Water	Excellent	
Chemical Stability	Resistant most common spills like oil and mild chemicals. Will not resist solvents which dissolve Ashphalt.	
VOC (Kg/Kg)	50	USEPA 8260 / 24-1

Note: All Values are subject to +5-10% tolerance

Usage Instructions

Conditioning and preparation of substrate: The surfaces should be clean and free from oil and grease. Dust particles should be removed and damaged spots repaired first. Cracks should be filled up. Expansion joints to be filled with a compatible mastic. Priming is recommended as this improves the adherence, use water based primer for priming diluted with water at 1: 1 ratio.

Application: Sealed RBE 1000 can be applied by a soft, longhaired brush or broom; alternately the product can be spread by a rubber squeegee. Additional layers must only be applied when the previous layers have dried. Recommended consumption of product should be followed. For multiple coats allow sufficient drying between coats. Wherever possible apply coats at right angles to each other to achieve even thickness of coating. Sealed RBE 1000 also acts as a nondegradable curing membrane, hence may be applied immediately after the removal of mold, to the concrete structures, which has no aesthetic value such as the substructures of the building.

Cleaning: Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

Packaging

20 ltr. pail and 200 ltr. drums.

Coverage

Damp proof membrane/vapor barrier: Apply two coats at 1 Kg/ltr. /coat.

Refurbishment of roofing membrane in reasonable good condition: Apply a coats at 1 Kg/ltr. /coat.

Refurbishment of roofing membrane in bad condition: Apply two coats at 1 Kg/ltr. /coat.

Safety

Use normal safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately. Please refer to the Material Safety Data Sheet for details about safe handling of the product.

Storage and Shelf Life

Keep away from direct sunlight and store under normal warehouse conditions. The shelf life is 12 months from the date of manufacturing provided it is stored in unopened factory packed drums.

Contact Info

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