

## **EUNICOTE RBE**

Rubber bitumen emulsion



### **Product Description**

EUNICOTE RBE is a thixotropic, cold applied bitumen emulsion with 10% added rubber latex. It complies in all aspects with the appropriate sections of:

1. The building regulations 1976 and amendments.
  2. British standard 3690:1970 "Bituminous for Road Purpose"
  3. British standard code of practice 102:1973 "Protection of Buildings Against Water from the Ground".
  4. British standard 3940:1965 "Adhesives Based Upon Bitumen or Coal Tar"
  5. DOE Advisory leaflet No.23 "Damp-Proof Courses".
  6. Building research station Digest No. 54 "Damp-Proofing Solids Floors"
  7. DOE Advisory leaflet No.778 "Adhesive used in buildings"
- EUNICOTE RBE is a special grade designed for tropical conditions and is manufactured to high standards.

### **Advantages**

- EUNICOTE RBE can be used as a damp proofing membrane on flooring or roofing in structures.
- Dries to give a tough, elastic impermeable coating.
- Provides a long lasting membrane for: Tanking and damp proofing membranes on concrete and brick foundations, retaining walls and bridge abutments. Protection of concrete structures against sulphates in soils.
- Exterior or interior walls, floors provide a sandwich membrane on newly laid floors and a surface treatment on existing floors.
- Adhesive uses-bonds wood blocks and wood mosaics, insulation board, expanded polystyrene and cork tiles. Also gives a key for plaster on difficult surfaces.

- Sufficient elasticity to accommodate small movements.
- Provides good adhesion.
- Is particularly thixotropic and is easy to apply by brush, in thick layers.

### **Uses**

EUNICOTE RBE is used for water proofing, tanking and damp proofing of retaining walls, bridge abutments, culverts and flooring. It is also an effective and slightly elastic adhesive for parquet and wood block flooring.

### **Typical Properties**

Appearance: Dark Brown liquid dries black

Solid Content: 57%  $\pm$  1%

Specific gravity: 1.05  $\pm$  0.02 @20°C

Flash point: Nonflammable

Rubber Content: 10% in the dried film

### **Application**

Drying Time

Surface: 1-3 hours

Bulk: 12-24 hours (depends upon ambient temperatures and coating thickness)

Service Temperature Range: 20°C + 100°C (Dry Film) EUNICOTE RBE has excellent resistance to extremes of temperature thus avoiding risks of flow and embrittlement.

### **Method of Use**

EUNICOTE RBE is supplied ready to use, it is not resistant to rain until it has dried, which may take up 24 hours or more depending on the ambient temperature. Generally, the product should not be used if it is raining or if rain is threatened. It is best applied on the morning of a good drying day. In confined spaces, allow ventilation for drying, as poor ventilation will prolong will drying considerably.

**Preparation of Surfaces:** All surfaces must be sound, stable, and free of dust, dirt, grease, oil and all loose matter. EUNICOTE RBE may be applied to damp but not water logged surfaces. In very hot, dry weather, hot, dry or porous surfaces should be initially dampening with clean water to aid application of the product. Dry floor surfaces may be primed by dampening with clean water. Care should be taken not to waterlog the surface to be treated.

### Application Rate

Use	No. of coats	Coverage rates (m <sup>2</sup> per liter)		
		1st coat	2nd coat	3rd coat
Tanking and damp proofing structures:				
Bridge abutments retaining walls, culverts, concrete and brick foundations	2	2	2.25	-
Damp proof Membrane:				
a. Walls interior and exterior	3	2.25	2.25	2.25
b. Floors sandwich membrane surface repair	2	1.5	1.5	-
	2	2	2	-
c. Roofing sandwich membrane repair	3	1.5	1.5	1.5
	2	1.5	1.5	-
Adhesive:				
Wood blocks, wood mosaics, insulation board, polystyrene, cork slabs plastering on difficult surfaces	1	1.5	-	-
	1	1.5	-	-
	2	4.5	4.5	-

### Cleaning Tools

EUNICOTE RBE can be removed before it has set, scrape off as much bitumen as possible and remove the remaining material using white spirit or a solvent based cleaner.

### Dry film Thickness

Approx. dry film based on coverage rate per coat: DFT quoted above, based on 57% solids.

Note: EUNICOTE RBE can be diluted with water to achieve extended coverage rates, however, this action will affect the resultant DFT (Dry Film Thickness) when using EUNICOTE RBE on roofing structures it is important to cover with a solar reflective material or a light weight roof screed, thus reducing exposure to direct sunlight.

### Health and Safety

For further information see the EUNICOTE RBE MSDS or consult our technical department.

### Packaging

EUNICOTE RBE is supplied in 25 kg non-returnable containers.

### Storage

EUNICOTE RBE should be stored between 5°C-30°C and protected from frost. It has a minimum shelf life of 12 months when stored in tightly sealed containers

### Technical Service

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

### Contact Information

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