

E-A-B Associates (Bayley-Edge Ltd.)

3 Craven Court, Craven Rd., Altrincham, Cheshire, WA14 5DY, England

Tel.(0)161-926 9077, Fax (0)161-927 7718, e-mail all@eabassoc.co.uk <http://www.eabassoc.co.uk>

EABASSOC PRODUCT INFORMATION

EABASSOC Elastomeric Coatings

EABASSOC RBE - RUBBERISED BITUMEN EMULSION

EABASSOC RBE is a versatile cold-applied quality product for dampproofing walls, floors and foundations, and for use as a roof waterproofing membrane in certain circumstances. EABASSOC RBE can be applied to damp surfaces, including fresh concrete.

EABASSOC RBE dries to form a tough, durable film which will accommodate small movement cracks and will withstand high temperatures without running or slumping. EABASSOC RBE forms an effective barrier to liquid water and water vapour. EABASSOC RBE can also be used as an adhesive for floor and wall coverings.

SPECIFICATION

EABASSOC RBE is suitable for application in conformity to BS CP 102 "Protection of Buildings Against Water from the Ground."

PROPERTIES

Form	Brushable thixotropic liquid
Density	1.01 kg / litre (approx.)
Solids	62 % by weight (approx.)
Flash Point	Non-flammable
Application Temperature	5 to 35 °C
Service Temperature	-30 to 60 °C
Resistance (when dry)	EABASSOC RBE resists water and water vapour, atmospheric pollution including alcohol, most dilute acids, alkalis and salts. EABASSOC RBE is not resistant to oil, petroleum solvents, strong acids or UV radiation.

APPLICATIONS AND USES

- For waterproofing building foundations and other structures below ground where it protects steel and concrete from attack by water and water-borne salts.
- For dampproofing floors and walls to prevent penetration by rising and driven damp, and water vapour.
- Suitable for use as a waterproofing membrane on most types of roof so long as it is not left exposed to the sun. Ideal for roof gardens under soil and flagstones and as a repair product for slates, gutters and roof flashings. It can also be used as a vapour barrier beneath roof insulation materials.

- EABASSOC RBE is suitable for vertical as well as horizontal surfaces, which may be damp but not wet. It can be applied directly to freshly laid "green" concrete to act as a curing aid.
- EABASSOC RBE can also be used as an adhesive for floor tiles (wood, vinyl-asbestos, etc.), for sticking insulation and lightweight cladding to walls (polystyrene, cork, etc.), and as a bonding agent before plastering and rendering.

SURFACE PREPARATION

- Remove dirt, grease and loose material. Kill moss, etc., with MOSSKILL.
- On horizontal surfaces, fill cracks and holes with EABASSOC Bitumen Mastic or a paste of equal parts of EABASSOC RBE and sand.
- Damaged vertical surfaces should be repaired with cement mortar or EABASSOC Epoxy Patcher.
- Rough surfaces should be made smooth by the application of a skim coat of cement render.
- Prime porous and dusty surfaces with EABASSOC RBE diluted with 5 parts water.
- Hot surfaces should be dampened with water.

APPLICATION (general instructions)

- Do not apply if there is danger of rain or frost before the membrane is fully dry.
- Stir before use. Large drums should be rolled after prolonged storage.
- Apply successive coats by brush at right angles to each other ensuring that the previous coat is fully dry. A 24 hour time gap is recommended between applications.
- Do not stir during use if applying thickly.
- When incorporating reinforcing scrim, bed this into the first coat whilst it is still wet and apply a second coat over the top.
- Finish off with a third coat after 24 hours.
- During work, keep brushes immersed in water when not in use.
- Clean brushes in soapy water. Remove dry, clogged material with solvent.

SPECIAL DETAILS AND COVERAGE RATES

External Waterproofing of Foundations and Underground Structures

Apply two coats.

The treatment must go high enough to join the damp-proofing membrane in the base slab or wall.

Whilst the 2nd coat is still tacky, apply building paper to it for protection.

Leave for two days before back filling.

Coverage: 1st coat: 0.50 ltr/m².
2nd coat: 0.45 ltr/m².

"Tanking" and Damp-proofing of Solid Floors and Walls

Walls: The best way is to treat walls EXTERNALLY.
Apply a total of 1 to 1.5 litres per m² using either two or three equal coats

Whilst it is still tacky, the final coat should be well "blinded" with sand to provide solar protection in the case of above-ground walls.

For INTERNAL application, remove all plaster to expose the wall structure, then proceed as for external treatment.

After the final sand blinded coat has dried, finish off with new plaster or render.

If hydrostatic pressure is present, please apply for special instructions.

Floors: The best method is to incorporate EABASSOC RBE as a SANDWICH MEMBRANE between the concrete base slab and the floor screed on top.

Apply two coats, each 1 ltr/m², onto the base slab.

The membrane should be taken up the perimeter walls to join with the wall damp-proof course.

"Blind" the 2nd coating with sand to provide a good key for the top floor screed.

Alternatively, where severe rising damp is not expected, EABASSOC RBE can be applied as a SURFACE MEMBRANE.

After priming the surface of the floor screed, apply two coats as for the "sandwich" treatment, but do not blind with sand. Ensure the membrane connects with the wall DPC.

When dry, fit suitable floor coverings. Rubber or pure vinyl floor tiles, foam backed carpets and other coverings containing solvents or plasticisers, should not be used.

Roof Waterproofing and Use as a Vapour Barrier

For most roof surfaces, follow the general surface preparation and application instructions.

For new work, three coats are recommended whilst for improving an existing waterproof surface, two coats should be sufficient.

Repaired areas should first be reinforced with glass fibre scrim bedded in with the emulsion.

Where expansion joints or movement cracks exist, special precautions must be taken involving the use of "slip tape".

Coverage: 1st coat:	1.00 ltr/m ² .
2nd coat:	0.67 ltr/m ² .
3rd coat (if required):	0.67 ltr/m ² .

The top coat should be 'blinded' with sand whilst tacky.

EABASSOC RBE should not be left exposed. Ideally, a topping screed or roof tiles should be installed.

Alternatively, EABASSOC RBC Aluminium paint should be applied after a few days.

Flooring and Wall Adhesive

Walls and floors should be smooth and properly damp-proofed. Before application, surfaces should be lightly dampened.

Wood blocks should be dipped in EABASSOC RBE to cover their underneath and halfway up their sides. Then press firmly into place.

For fixing insulation board, cork or polystyrene tiles, apply the adhesive to both the wall/floor and to the material being stuck down, with a coverage of 0.67 ltr/m². Allow both to become tacky then press firmly in place.

EABASSOC RBE will provide a good surface for plastering onto old tiles, painted walls, etc. Apply two coats of 0.2 ltr/m² each, then sprinkle sand into the second coat when it is tacky. Allow EABASSOC RBE to dry before plastering.

COVERAGE RATES

As given above, these vary according to use and to membrane specification. A total of 1.0 to 2.5 ltr/m² is normal in most situations, applied as either two or three coats.

Each 1 ltr/m² coating will produce a DRY FILM thickness of 600 microns.

HEALTH AND SAFETY

EABASSOC RBE is non-flammable and generally harmless. However, it is very adhesive so avoid contact with eyes, nose and mouth. Wash splashes immediately with plenty of water and seek medical help if irritation persists. Use hand barrier cream and wear goggles during application.

All EABASSOC product information is given in good faith and every effort is made to ensure that it is accurate at time of issue. It is, however, the customer's responsibility to ensure that products are suitable for the required purpose and if in doubt, sample orders should be taken for trial purposes.