



# MoyaShield RBE

## Rubber Modified Bitumen Emulsion

**DESCRIPTION** **MoyaShield RBE** is a rubber modified bitumen emulsion. It dries to form a black, flexible coating.

**STANDARD** BS 8102, ASTM C309

**USES** **MoyaShield RBE** is used as a damp proofing, protective coating for rafts, underground structures, civil structures, wet area waterproofing, etc. It also find use as a curing compound.

**ADVANTAGES**

- Exhibits excellent flexibility and waterproofing characteristics
- Highly effective waterproof membrane with cost and labour saving
- Damp proof membrane in 'sandwich construction'
- General purpose waterproofer for walls, floors and roofs
- Effective as an adhesive/bonding agent for cork panels, insulation boards, expanded polystyrene etc
- Environment friendly, non-flammable, asbestos free
- Can be used in confined spaces
- Excellent resistance to chloride and sulphate ions

### TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Viscous liquid
Colour	-	Brown to Black
Drying Time	ASTM D2939	120-180 mins
Recoat time	ASTM D 2939	4-24 hrs
Solid Content	ASTM D 244	60 +/-3%
Rubber Content	-	10% in the dried film
Service Temperature	-	-20°C to +100°C

**SURFACE PREPARATION** The surface to be treated should be clean, dry and free from dirt, dust, oil, grease, curing compounds, mould release agents, paints, etc. All major cracks to be opened in "V" shape and repair with **ReCon** range of repair mortars. Honey combed or spalled concrete to be repaired with a suitable repair mortar. Nail heads and other protrusions that are likely to damage the coating must be removed.

**PRIMING** Porous surfaces should be primed using **MoyaShield RBE** diluted with 15-20% clean water.



## MoyaShield RBE

### APPLICATION

**MoyaShield RBE** can be applied to the prepared surface using brush, roller or squeegee. Replace lid of containers when not in use. As damp proof membrane and vapour barrier, two coats of **MoyaShield RBE** is recommended. Apply the first coat at a thickness of 200 to 500 microns. Allow a minimum 4 hours between the first coat and second coat. The second coat should be applied at right angles at 200-500 microns thickness. Where the surface is to receive a plaster finish, render or screed, 'grit' the second coat with clean, dry sand to form a keyed surface. Allow a minimum of 7 days drying period before applying a plaster, render or floor screed. As a curing compound, one coat of **MoyaShield RBE** is sufficient. **MoyaShield RBE** can be applied on the "green" concrete. This would prevent rapid evaporation of water and formation of shrinkage cracks. If **MoyaShield RBE** is spray applied, consistency of the material should be adjusted by adding water.

### CURING

Once the application is completed **MoyaProof RBE** should be air cured for a minimum period of 7 days.

### LIMITATIONS

Not suitable for application in contact with potable water. It is not resistant to oil, fuel, grease, strong chemicals, etc..

### PACK SIZE

20 ltr and 200 ltr

### COVERAGE

2 m<sup>2</sup>/ltr/coat at 500 micron wft (300 micron dft)

### GENERAL INFORMATION

<b>Shelf Life</b>	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
<b>Cleaning</b>	Clean all equipments and tools with water immediately after use.

### HEALTH and SAFETY

<b>PPE's</b>	Gloves, goggles and suitable mask must be worn.
<b>Precautions</b>	Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately
<b>Hazard</b>	Regarded as non-hazardous for transportation.
<b>Disposal</b>	Do not reuse containers. To be disposed off as per local rules and regulations.
<b>Additional Information</b>	Refer MSDS. (Available on request.)



## MoyaShield RBE

---

### TECHNICAL SERVICE

**CONMIX Technical Services** are available on request for onsite support to assist in the correct use of its products.

---

**Manufacturer:**

**CONMIX LTD.**

P.O. Box 5936, Sharjah  
United Arab Emirates  
Tel: +971 6 5314155  
Fax: +971 6 5314332  
Email: [conmix@conmix.com](mailto:conmix@conmix.com)

**Sales Office:**

Tel: +971 6 5682422  
Fax: +971 6 5681442  
[www.conmix.com](http://www.conmix.com)



It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, Conmix does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to Conmix standard terms and conditions of sale.