

## **E.M.COAT-90-B** **EMULSIFIED BITUMEN PROTECTIVE COATING**

### **DESCRIPTION**

E.M.COAT-90-B is a water based bitumen emulsion of mineral petroleum sprits. Conformed to be tested by related standards of ASTM and EN based standards, E.M.COAT-90-B is essentially designed to positively protect buried concrete structure from any water vapor or harsh chemical ingress through it. Applied and well cured E.M.COAT-90-B will left a high resistance tensile and elongation film over the substrate of being used.

### **FIELD OF APPLICATION**

- General waterproofing and damp proofing for concrete and masonry
- Protection to a variety of buried structures such as concrete foundations and retaining walls
- Provides a vapor barrier for cold storage rooms, etc.

### **ADVANTAGES**

- Resists chemical attack by chloride and sulfate ions present in the ground water.
- Versatile.
- Economical
- Easy to apply
- Cold applied
- Contains no solvent, no health hazard

### **SURFACE PREPARATION**

The substrate should be clean and sound, free of dust, loose particles, grease, oil, primers from previous membrane systems. Spalled concrete should be repaired by cutting out to sound concrete and patching with E.M.SUPER REPAIR .Cracks, holes and honeycombs must be repaired prior to application.

### **APPLICATION**

The application using brush or roller requires laying the material onto the surface, avoiding brushing out, to achieve the required film thickness per coat. It is recommended that two coats should be applied at a rate of 1-2.7 m<sup>2</sup> per litre of product depending on the degree of protection required. In hot climate, it should be applied when temperature is below 40°C.

### **TECHNICAL PROPERTIES**

Density	Approx. 1.10 g/cm <sup>3</sup>
Drying tack free	Approx. 40 minutes at 23°C
Recoat	4 hours
Fully dried	3-7 days depending on ENV. Condition
Application temp	10-40 °C (Recommended)
Coverage	1 to 2.7 m <sup>2</sup> /litre



E.M.COAT-90-B is assigned to be further conformed by following standard specifications and methods:

ASTM D1227, ASTM D2939, ASTM D1640

### PACKAGING

18 kg plastic pail

### STORAGE & SHELF LIFE

The shelf life is 12 months if unopened, stored free from frost, moisture and direct sunlight.

### HEALTH & SAFETY

E.M.COAT-90-B contains bituminous material. Therefore, as with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. When applying gloves & goggles should be worn. Wash off splashes to skin with water. If in eyes wash out with plenty of clean water and seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation. E.M.COAT-90-B is non-flammable. MSDS is available at ABADGARAN website.

### TECHNICAL SERVICE

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

