

E.M.COAT-90 EMULSIFIED BITUMEN PROTECTIVE COATING

DESCRIPTION

E.M.COAT-90 is water based bitumen emulsion. It is dark brown/black in color and dries to a black protective coating. The finished film is tough and waterproof and forms a barrier to water and vapor transmission.

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 vapour barrier for cold storage rooms, etc.

ADVANTAGES

- Resists chemical attack by chloride and sulphate ions
- 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 2-5 m² per liter depending on the degree of protection required.

TECHNICAL PROPERTIES

Density	Approx. 1.35 g/cm ³
Drying tack free	Approx. 40 minutes at 23°C
Recoat	4 hours
Fully dried	7 days
Application temp	10-35 °C
Coverage	0.5-1 kg/m ²



Construction
Chemicals Producers
Membership



Iranian
Tunneling
Association
Membership



Iran Standard's Mark
Holders Association
Membership



ISO 9001:2008
TUV NORD Iran PJS



National Accreditation
Center of Iran
ISO / IEC 17025



Iranian Concrete
Institute
Membership



Ministry of Industry,
Mine and Trade
R & D Certificate

25 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 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 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.

