



Chemical Evolution Technologies for Construction

CETCOAT - LM

717

Cold applied elastomeric waterproofing Liquid Membrane

Description:

Single component cold applied polyurethane based modified elastomeric membrane forming compound for durable waterproofing and protection systems.

Advantages:

- Single component & easy to apply by brush / roller.
- Cold applied and hence does not require heating.
- Seamless & Joint less membrane – no chance for leakage through joints.
- Non-flammable & non-toxic water based product.
- Environment friendly.
- Excellent elongation - crack bridging property so does not crack on aging.
- Wide range of thermal stability : -10° c to 80°c
- Prevents growth of fungus, algae etc.

Area application:

- Waterproofing of industrial roof – corrugated asbestos / galvanized iron sheet.
- Terrace garden.
- Swimming pools.
- Refurbishing of APP membrane or Hessian felts,

Direction for use:

Surface Preparation:

- Remove all dirt and loose particles from the surface by wire brush.
- For best results, damp the surface before coating.

Priming:

- Prime the cleaned surface with the mixture of CETCOAT LM and water in 50:50 ratios.
- Allow it to dry till it becomes tacky.

Coating:

- CETCOAT LM thoroughly stirred to ensure a homogeneous and consistency.
- Apply 1st coat of CETCOAT LM with a stiff brush marking out the area applies like paint on prime surface
- Spread 50 GSM Polyester or Glass Fibre mesh over the first coat of CETCOAT LM when the surface is tacky with a overlap of 50 mm on both directions.
- Allow the first coat to dry with the mat spread as above.
- Apply 2nd coat of CETCOAT LM after 6 to 8 hour of first coat with other direction.

- For trafficable area, protect CETCOAT LM with screed / tiles / china mosaic.
- For non-trafficable area, top coat with CETCOAT for UV protection and aesthetics.
- For all flat roofs, conduct pond testing as per ASTM D5957-98 standard after 7 days of second coat of CETCOAT LM.

Properties :

- Colour : Black
- Density : 1.2
- Tensile Strength : 2 N/mm²
- Elongation at break : 400 %
- Service Temperature : -10°C to 80°C
- UV & Ozone Stability : Excellent
- Fungus Resistant : No algae & fungus Growth
- Crack Bridging : No cracks up to 2 mm width
- Touch to dry : 1 to 2 hours

Coverage:

1.4 to 1.6 kg /m² @ 1.2 mm DFT in two coats depend upon application and surface.

Packing:

Supplied in 20 kg bucket.

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