



METHOD STATEMENT

FORMULA: 010

Elastomeric Membrane (Thixotropic Emulsion) Treatment for Basement Wall & Floor.

PRODUCT:

Eniroof EMB®	(An elastomeric membraneous Polymerised Mineral Based Flexible Coating)
Aquaguard 50%®	(Acrylic Polymer based cementitious coating)
Di Primer	(Deep Impregnating primer)
Enicon-L	(An integral waterproof admixture)
Glass Fiber Mesh	

MANUFACTURER: SSPL PRODUCTS (Daman)

MARKETED BY : Star Coatings & Membranes Pvt. Ltd. (New Delhi)

SUBSTRATE PREPARATION

1. Prior to starting preparation, close the area to be prepared to all traffic and other trades.
2. The preferred method of substrate (plastered surface) preparation is; scrapping, sanding, and light surface grinding.
3. If any part of the surface is contaminated by oil, grease, or fuel, the contamination shall be removed before other forms of preparation are undertaken.
4. At free edges such as aisle ways and doorways the emulsion shall be terminated properly.
5. Prepare the surface using the chosen method, removing all laitance and weak or friable matters (i.e. Tarfelt etc.). The finished surface should have a profile of medium to fine sandpaper.
6. Surface defects exposed during preparation such as shrinkage cracks, blow holes, minor honeycombs, and minor damages, etc. shall be treated properly by using suitable surface filler, preferably, cementations materials (i.e. AQUAGUARD 50%®/ AQUACRETE 30%®).
7. When it is known prior to starting work on the surface that repairs are required, the repairs should be executed before general preparation is undertaken.
8. When surface preparation is complete, clean the surface with dry clean cloth to remove all dust and debris if any.
9. Protect areas such as windows, doors, ceilings, etc. that may be splashed when the emulsion is being applied.

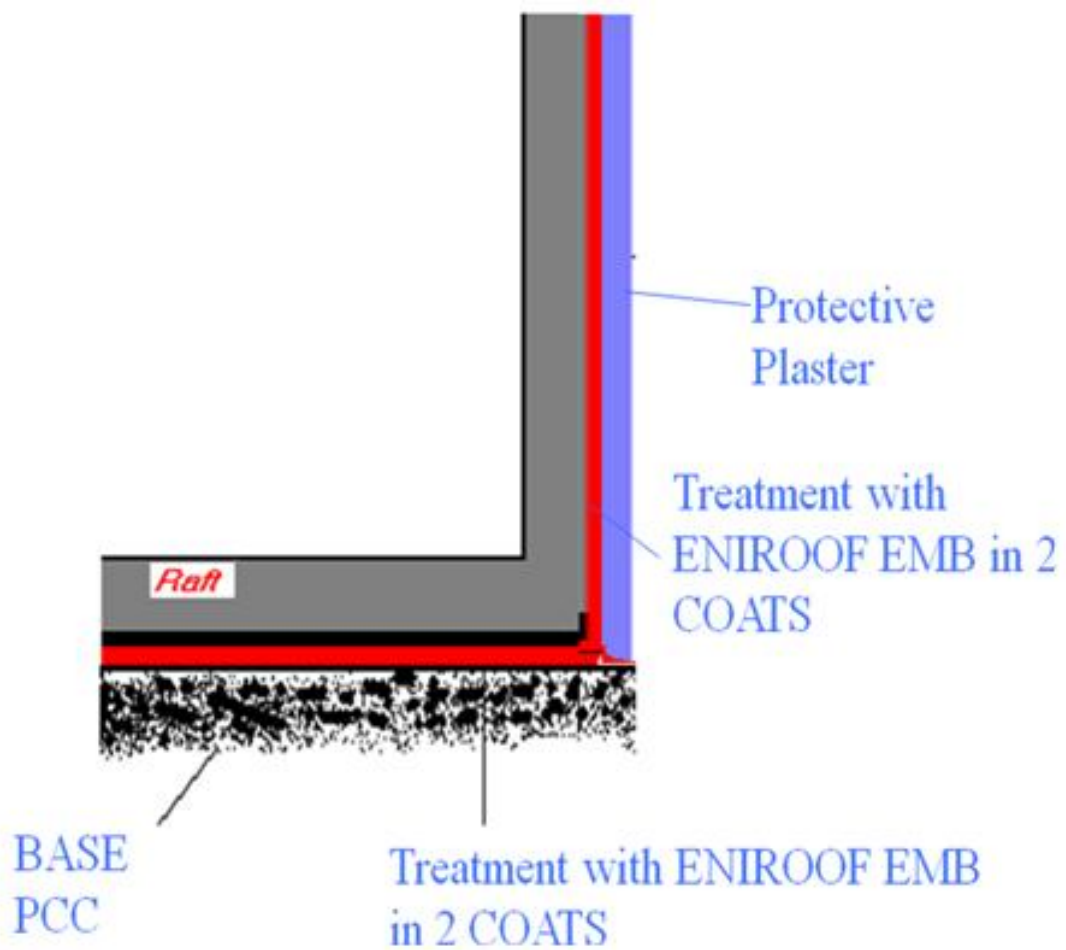


SURFACE SEALING:

1. Making inverse curve (i.e. Gola), with polymer putty on all the corners. Plaster the brickwall for an even surface.
2. Prior to application of the Eniroof EMB®, the surface shall be treated with suitable primer (Di PRIMER) & Even Coat Cementitious.
3. Depending on surface, use a short or medium pile roller, to apply the stirred material to the prepared surface, ensuring total coverage. Application rates will vary depending on surface roughness and absorption, but should be in the range of 8-9 m²/liter.
4. Allow primer coat to cure properly before starting the application.

APPLICATION PROCEDURES

1. Before starting application of the emulsion, ensure that all material and tools are on hand to allow completion of the work, the surface is dry and dust free.
2. Applying even coat of **AQUAGUARD 50%®** (Acrylic Polymer based cementitious coating).
3. Reinforcing **Geo Synthetic Fiberglass Cloth**.
4. Applying 1ST Primer coat of **ENIROOF EMB®** (An elastomeric membraneous Polymerised Mineral Based Flexible Coating). **(1 EMB: 1.5 Ltr. Water)**
5. Applying 2ND coat of **ENIROOF EMB®** (An elastomeric membraneous Polymerised Mineral Based Flexible Coating) crosswise, once the 1st coat is fully cured. **(1 EMB: 300 MI Water)**.
6. Applying 3rd coat of **ENIROOF EMB®** (An elastomeric membraneous Polymerised Mineral Based Flexible Coating) crosswise, once the 2nd coat is fully cured. **(1 EMB : 200-250 MI Water)**.
7. Applying protective coat of **AQUAGUARD 50%®** (Acrylic Polymer based cementitious coating).
8. Applying bearing plaster 12-15 mm adding integral waterproofing admixture **Enicon-L®**.



WATERPROOFING TREATMENT OF BASEMENT SLAB AND RETAINING WALL