



## METHOD STATEMENT

### FORMULA: 008

Elastomeric Membrane (Thixotropic Emulsion) Treatment for PODIUM SLAB.

### PRODUCT:

**Eniroof EMB®**

(An elastomeric membraneous Polymerised Mineral Based Flexible Coating)

**ENIROOF GOLD**

(An elastomeric membraneous Polymerised white Flexible Coating)

**Aquaguard 50%®**

(Acrylic Polymer based cementitious coating)

**Di Primer**

(Deep Impregnating primer)

**Enicon-L**

(An integral waterproof admixture)

**Glass Fiber Mesh**

**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.

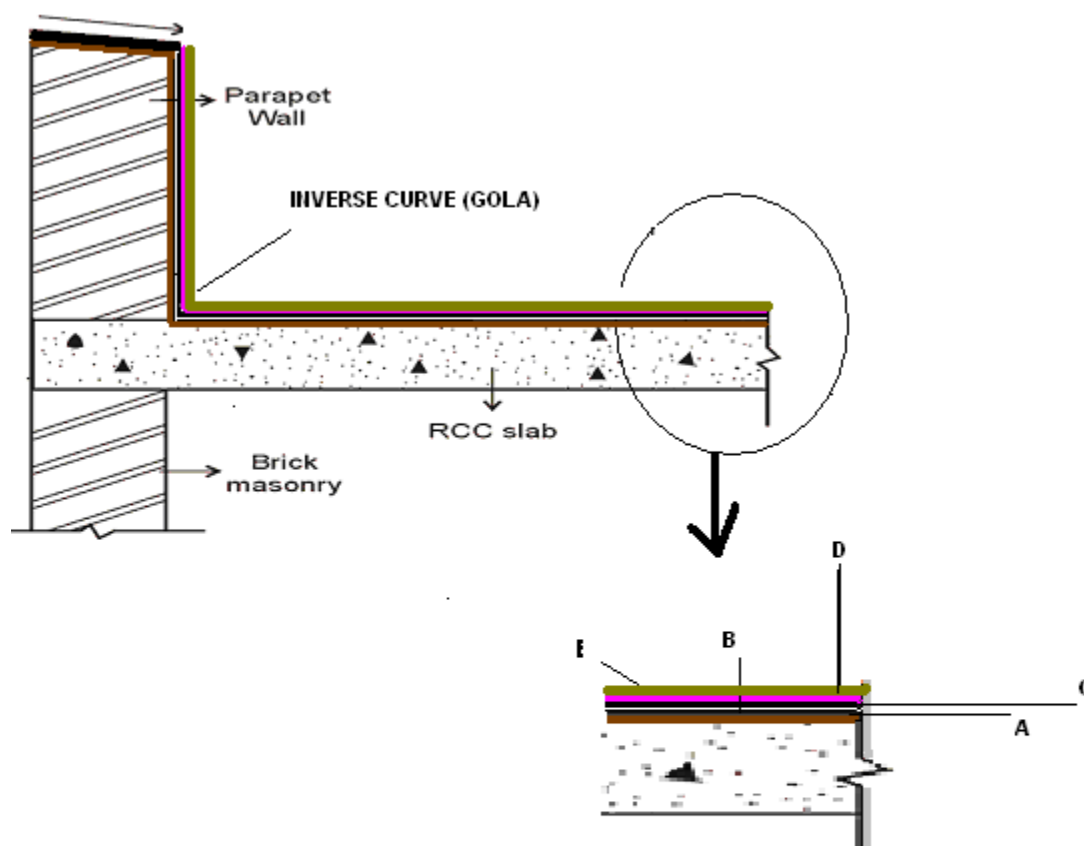


## **SURFACE SEALING :**

1. Making inverse curve (i.e. Gola), with polymer putty on all the corners.
2. Prior to application of the Eniroof EMB®, the surface shall be treated with suitable primer (DI PRIMER).
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 m<sup>2</sup>/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 1<sup>ST</sup> Primer coat of **ENIROOF EMB®** (An elastomeric membraneous Polymerised Mineral Based Flexible Coating). **(1 EMB: 1.5 Water)**
3. Reinforcing **Geo Synthetic Fiberglass Cloth**.
4. Applying 2<sup>ND</sup> coat of **ENIROOF EMB®** (An elastomeric membraneous Polymerised Mineral Based Flexible Coating) crosswise, once the 1<sup>st</sup> coat is fully cured. **(1 EMB : 300 MI Water)**.
5. Applying 3<sup>rd</sup> coat of **ENIROOF GOLD** (An elastomeric membraneous Polymerised Flexible Coating) crosswise, once the 2<sup>nd</sup> coat is fully cured. **(1 ENIROOF GOLD: 200-250 MI Water)**
6. Sprinkling sand on final coat, to create a key to plaster.
7. Applying 1 coat of **AQUAGUARD 50%®** in the mixing ratio of (1 A/G 50% : 2 Ltr. Water: 3.5 Kg Cement) and/or applying bearing Plaster Adding 250 MI **Enicon L®** (An integral waterproof admixture) every bag of cement. (50 kg).



- A: ENIROOF EMB/DI PRIMER ON CLEANED SURFACE
- B: GLASSFIBER REINFORCEMENT
- C: ONE COAT OF ENIROOF EMB
- D: ONE COAT OF ENIROOF SPR
- E: ONE COAT OF AQUAGUARD 50%/7 BEARING PLASTER MIXED WITH ENICOM-L

## WATERPROOFING TREATMENT OF PODIUM SLAB