



## METHOD STATEMENT

**FORMULA: 003**

### Treatment of Sunken Area.

**Product:** Aquaguard 50%<sup>®</sup>, Di Primer SBR & Enicon-L<sup>®</sup>

**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, blowholes, minor honeycombs, and minor damages, etc. shall be treated properly by using suitable surface filler, preferably, cementations materials (i.e. AQUAGUARD 50%<sup>™</sup> Pure acrylic based polymer).
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.

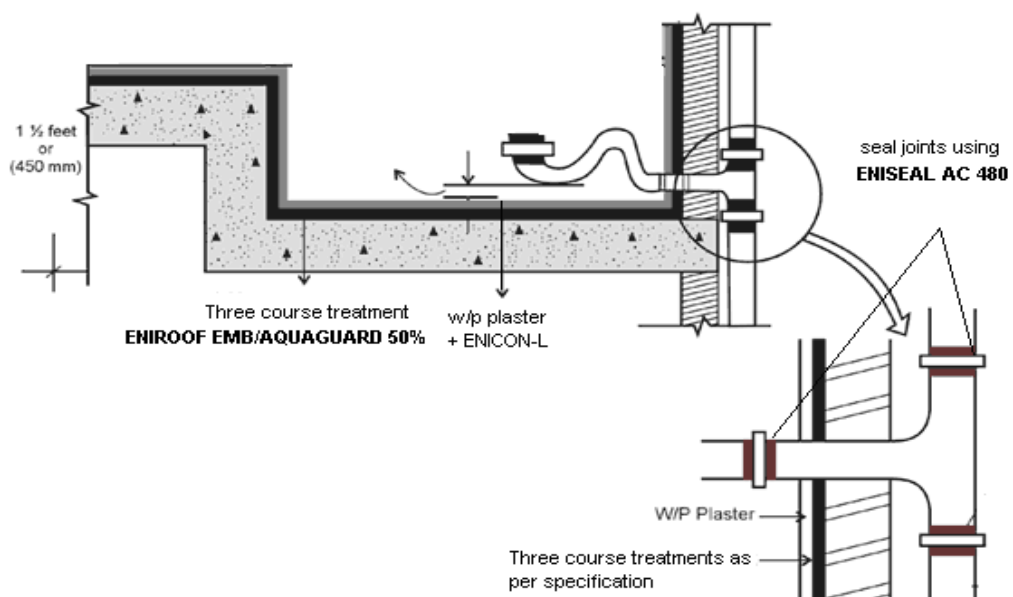


## SURFACE SEALING:

1. Making inverse curve (i.e. Gola), with polymer putty on all the corners and joints of slab to wall..
2. Prior to application of the Aquaguard50%<sup>®</sup> treatment, the surface shall be treated with suitable primer (**Di Primer SBR**). Drying time for primer will be 2 Hour. Dry film thickness will be 60-70 microns.
3. Filling all the joint gaps between pipes and slab with Acrylic Sealant. Curing time minimum 2 hours.
4. Depending on surface, use a short or medium pile roller/ Brush, 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 6-7 m<sup>2</sup>/liter.
5. Allow primer coat to cure properly before starting the application.

## APPLICATION PROCEDURES

1. Before starting application, 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> coat of **AQUAGUARD 50%<sup>®</sup>** (An Acrylic polymer based Flexible cementitious Coating) on the primed surface. Mixing ratio will be 1 Kg Aquaguard50%: 1 Ltr. Water: 4-4.5 Kg Cement). Allow 1<sup>st</sup> coat to cure for minimum 3-4 hours in summers (temp. above 22°C) and 4-5 hours in winters.
3. Applying 2<sup>nd</sup> coat of **AQUAGUARD 50%<sup>®</sup>** (An Acrylic polymer based Flexible cementitious Coating) crosswise on the primed surface. Mixing ratio will be 1 Kg Aquaguard50%: 1 Ltr. Water: 4-4.5 Kg Cement). Allow 2<sup>nd</sup> coat to cure for minimum 3-4 hours in summers (temp. above 22°C) and 4-5 hours in winters.
4. Applying plain cement protection plaster (12-15 mm thick) over the treatment admixed with **INTEGRAL WATERPROOFING COMPOUND ENICON-L<sup>®</sup>**. (Mixing ration will be 200 ml ENICON-L with Every 50 kg bag of Cement).



**WATERPROOFING TREATMENT OF SUNKEN FLOORS**