



METHOD STATEMENT

FORMULA: 008

Elastomeric Membrane (Thixotropic Emulsion) Treatment for AC/MS SHEDS.

PRODUCT:

Eniroof SPR®

(An elastomeric membraneous Polymerised Resin Based Flexible Coating)

Aquaguard 50%®

(Acrylic Polymer based cementitious coating)

Di Primer SBR

(Deep Impregnating primer)

Glass Fiber Mesh Polyester

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. VATA), with polymer putty on all the corners.
2. Prior to application of the Eniroof SPR® or any other suitable primer, the surface shall be treated with suitable primer (Di PRIMER/ 1 Eniroof SPR®: 4 Ltr. Water).
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. Repairing the cracks and joints by routing-out to a minimum ¾" x ¾" groove and treating it with a specialized Acrylic cementitious compound. (Mixing **Aquaguard 50%®** with cement)
2. Making vata at interface joint between Sheets / parapet / Pedestal.(i.e sand+cement+pp fibers+polymers + admixers)
3. Sealing all joints of outlet drains pipe, etc. with a specialized Acrylic cementitious compound.
4. Providing & applying priming bonding coat. (SBR Primer/ 1 ENIROOF SPR®: 4 Ltr Water)
5. Providing and applying liquid-applied, rubber, mineral resin, based high elastomeric Waterproofing Membrane (ENIROOF SPR®), in 2 coats with Polyester fabric mesh sandwiched, over the entire area.
6. Protecting the liquid membrane with Polyester fiber cloth.