

### **Scope of work for the water leak arresting work at Padmini & Rohini - 2016**

1. Breaking and removal of Overhead tank with minimum level capacity electrical breaker machine to reduce vibration over the RCC slab.
2. Identifying any cracks under saturated condition over the RCC, Framing V grooves based on size of origin, instant plugs to be plugged in same. Grouting using 40 PSI with integral cement based grout admixture added with SBR latex to yield high viscosity.
3. Supply and application of two layer APP membrane of 4mm thick with a base coat of primer and required overlaps.
4. Integral granular rich plaster to be done yielding slope towards drain for first layer.
5. Ponding to be done to ensure nil leakages.
6. Clay tiles to be studded in break joint pattern with average of 20mm bed mortar yielding slope towards drain.
7. Re-construct the pedestals for the solar heater. Size: 6'x2'x6" x 8 nos.

### **SUN SHADE: Area: 4100 sq.ft**

1. Chipping shall be done to the existing side wall height of 1' to reach the brick substrate
2. Groove cutting shall be made for 1" depth and 2" width across the fillet area of wall and sunshade.
3. This gap shall be filled using the Instant Plugs with mix of SBR latex in a patty formation.
4. After two hours the treated substrate shall be allowed to get saturated.
5. Applying 2 coats Acrylic dual based pre batched two components across the coving area in interval of 6 hrs under saturated condition.
6. First layer of rough Integral plastering using rich mortar mixed with fine granular, SBR latex in 1:6 ratio, to yield C coving formation.
7. After a day one tacky coating of SBR latex mixed with water in ratio of 1:4 shall be applied.
8. Chicken mesh shall be used as an intermediate reinforcement support over the first layer.
9. Second layer shall be made on the next day following same first layer integral mix yielding smooth finish.
10. Two layers of Elastomeric coating to be done over the final finish of the sunshade with interval of a day.

**Parapet/Side walls: Area: 800 sq.ft**

1. Supply and application of Synroof Hi Build coating make “Bitumat or equivalent on side walls and parapet walls.

Application of Synroof Hi build:

- a. Contractor shall apply the primer on the cleaned surface by diluting the Synroof Hi Build with 20% water and as per manufacture’s recommendation.
- b. Primer must be completely dry before the first coat is applied. Contractor shall apply the synroof hi build coating by soft brush, roller or spray gun.
- c. Contractor shall lay mesh reinforcement 60/80 gsm thermobonded polyester with wet first coat before application of subsequent coats.
- d. Contractor shall not apply subsequent coats until previous coat has cured as per manufactures instructions.
- e. Contractor shall apply final coat on top of the mesh reinforcement. The final coat shall be pinhole free and continuous membrane. Contractor shall provide and lay another coat if final coat does not uniform, continuous or pinhole free.

**Terrace Coating: Area: 6200 sq.ft**

1. Entire substrate of the terrace to be ensured with proper pointing of the Tile joints at worn out points using proper cement UV based Grout for thick pointing. Any damaged tiles found shall be replaced.
2. Two layers of Elastomeric coating to be done over the tiles with interval of a day.
3. Two coats shall be perpendicular to each other.