

## SPECIFICATION FOR WATERPROOFING OF EXTERIOR WALLS 4 – 7 (FOUR – SEVEN) YEARS GUARANTEE

- (1) Cleaning the exterior walls thoroughly with wire brush and flush out the loose particles with water. The surface shall be made free of loose material, dirt, dust, oil, grease or other foreign matter.
- (2) **Treatment of cracks (wider than hairline) and joints:**
  - a) Cut-out the construction joint in a 'V' groove atleast 1 inch (d) x 1 inch (w), using mechanical system. Clean the 'V' groove thoroughly with wire and flush-out the loose particles with water.
  - b) Apply primer - **GS 106** at the coverage rate of 10 SMt / Kg to the crack/construction joint and to the 2 inch strip on either side of the 'V' groove.
  - c) Fill / grout the 'V'-grooved construction joint with **GS 111 or polymer mortar** (cement + sand + Polymer)
- (3) **Making wata (cove) at the interface joint of the roof / canopy concrete slab and the parapet wall:**
  - a) Clean the area around the interface joint with wire and flush-out the loose particles with water.
  - b) Apply primer - **GS 106** at the coverage rate of 10 SMt / Kg
  - c) Making 3 - 4 inch wata (cove) with **GS Polymeric Mortar** (cement + sand + Polymer) along the terrace slab - parapet wall interface joint.
- (4) Brush applying **GS 103® Poly Acrylic Elastomeric Waterproofing Membrane System at the total coverage of 3.5 SMt / Kg (in 2 coats)** or **GS 104® Elastomeric Thermal & Waterproofing Membrane at the coverage of 4 SMt / Kg (in 2 coats)** or **GS 105® Transparent Catalytic Indepth Crystallization treatment at the coverage of 7 SMt / Kg (in 1 coat)** on the floor. Allow the treatment to achieve its initial set for 24 hours.

