




Waterproofing of Treatment for Sloping Roofs

Products

<p><u>Dr. Fixit Primeseal</u> (Efflorescence Resistant Penetrating Primer)</p>		<p>Used as water based acrylic primer for exterior & interior</p>
<p><u>Dr. Fixit Pidicrete URP</u> (Latex for repairs & waterproofing)</p>		<p>Used in bridge decks, parking areas in highways and in all repair mortars/concrete</p>
<p><u>Dr. Fixit New Coat</u> (Waterproof Coating for Terrace)</p>		<p>Used for waterproofing treatment for terrace</p>

Method Statement

Surface Preparation

New concrete must be a minimum of 7 days old Surfaces to be applied upon, must be clean, reasonably dry, free from dirt and loose material, and conform to the agreed minimum surface standard. All voids and pinholes shall be filled using polymer modified

Application

Primer Application

Apply water-based primer Dr. Fixit Primeseal on cleaned & leveled surface @ 8 to 10 mtr/ltr. The priming will enhance the adhesion of the membrane to the substrate and will block the surface pore. Allow the primer coat to dry. The drying will generally depend on the ambient temperature

Newcoat Application

Apply 1st coat of Newcoat on the dried primer coat uniformly with stiff nylon brush at the rate of 2 sqm/ltr. Apply 2nd and 3rd coat at the same rate after drying of the previous coat. Choose any two or all the three available colour for the 3 coats. This will ensure the correct application of the material and the supervisor can have a proper control over the application. The drying time for each coat depends on the ambient temperature and can vary from place to place. At 30 degree C, the Newcoat coat will be dried within 4 to 5 hour. All the concrete / masonry pedestals present on the roof, constructed for supporting the water tanks or pipe lines or dish antenna, etc., also should be coated with Newcoat along with the terrace. The junction between such pedestals and the slab shall have corner fillet (corner rounding) made from Polymer Modified Mortar. For this Dr. Fixit Pidicrete URP from the Dr. Fixit range of products can be used.

Termination of Treatment

The Newcoat application must continue till the end of the sloping roof and continue further on vertical face of the slab from all sides. The 4" thickness of slab (in elevation) shall be coated along with sloping roof in the similar manner

Termination At The Expansion Joints

In the case of large roofs with an expansion joints, The Newcoat application should be terminated at the joint. The curb wall of 4 inches thick shall be constructed on both sides of joint. The height can vary from 150 mm to 200 mm. The curb wall shall be plastered smoothly and corner rounding with polymer-modified mortar shall be done before Newcoat applications starts. The joint shall be covered either with GI strip fixed on one of the curb walls while leaving other end free or by neoprene sheet as detailed in the sketch. The expansion joint shall be filled with 2 part flexible Polysulphide Selant from the Dr. Fixit Range as per the specifications