

METHODOLOGY FOR TERRACE GARDNING & PODIUM (SOFT SCAPE)

1. SURFACE PREPARATION

The surface to be coated must be solid and clean, free of all traces of coatings, efflorescence, loose particles, grease, oil, de-molding agents, dust, gypsum plaster, etc. Chisel all the unwanted / dead concrete and clean the entire surface by using wire brush.

2. TREATMENT OF CRITICAL AND WEAK POINTS /JUNCTIONS

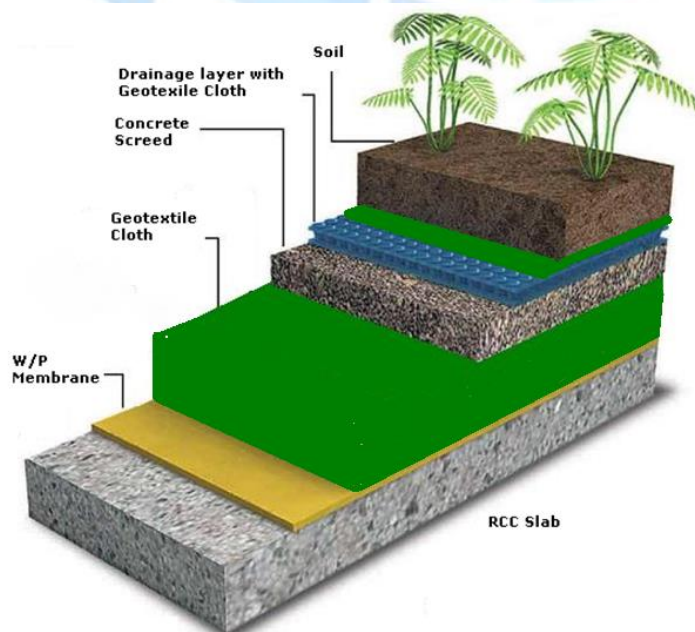
Critical points include passing pipes, concave corners, rock anchoring, cold joints and non-active fissures/cracks and active fissures/cracks. Because of the fact that these points are a break in concrete continuity, where leaks may occurs, special treatment system must be applied.

3. GROUTING & CRACK FILLING

The construction joints in the PCC and retaining walls will be chiseled and groove shall be prepared. The grove shall then be filled with a putty of Polymer Modified Mortar comprising of Cement, Sand & **STARBOND SBR SUPER**. Grouting will be done at all critical locations with a mixture of CEMENTITIOUS POWDER GROUT & cement in a proportion of 250 gms CEMENTITIOUS POWDER GROUT ADITIVE to be dry mixed with 50kgs grey cement bag. Once grouting is done seal the holes and cracks with STARFIX PLUG.

4. DRESSING OF JUNCTION AND CORNERS (WATTA MAKING)

Any corner or concrete slab-wall joint/junction should be opened with a chisel to a size of 3 x 3 cm, avoiding “V” shape and fill the grove with Polymer Modified Mortar. These grooves should be finished in a shape of a cove to provide a smooth edge.



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5. PRIME COAT

Applying one coat of **STARPROOF SUPER PRIME** (Acrylic Based Deep impregnating primer) on the entire surface of the external walls. Curing would be made by drying until 4 hrs. is attained prior to the succeeding coat to be applied.

6. COATING

After complete drying of the primer and bonded areas, Apply 1st coat of **STARPROOF WF MB 602** then laid down glass fiber mesh of 60 GSM thick then apply 2nd coat of **STARPROOF WF MB 602** with brush, roller or spray gun. A brush with horse hair bristles will provide almost texture-free, smooth surfaces. Dilution up to 20% for 1st coat and 10% for 2nd coat is allowable.

Once the second coat is cured, loose lay geo textile cloth as a separation layer before carrying out Screed as a protection layer and also to maintain the slope.

Note: Each coat shall have an interval time of 6-8 hrs for curing.

7. COVERAGE

Coverage depend upon the nature of the surface to be applied.

But on average, smooth surface will give 14 ± 3 sq ft per kg for a 2 coat application. Two coats will give approximately 450 to 500 microns dry film thickness.

8. LAYING OF DRAINAGE BOARD

Once the concrete screed is cured lay drainage board with geo textile cloth. Then lay sand followed by soil on top of the geo textile cloth.



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