WATERPROOFING OF EXISTING TERRACE

Break open the existing brick bat coba and I.P.S of the terrace to expose the bare slab

If there are cracks on the bare slab, Open the crack in a V groove.

Moisten the crack and apply a Bonding Coat of ***POLYALK EP*** and cement slurry in the ratio 1:0.5 in the groove.

Within 30 minutes of application of Bonding Coat, Prepare and apply by hand ***POLYMER MODIFIED MORTAR*** using 2Kg ***POLYALK EP***, 5 kg Cement 15 kg Graded Quartz Sand. DO NOT ADD ANY WATER IN THIS MORTAR. This has to be a wet on application.

Air Cure the surface for 48 Hrs

Sprinkle Water for 3-4 days

Clean the slab of all dust, dirt, oil, grease, grime etc

If there are lots of honeycombs and identified bad patches of concrete the same should be grouted accordingly. Follow grouting procedures.

Prepare a slurry using 1 Kg of ***POLYALK WP*** and 1.25 Kg of Cement and apply by brush on the bare slab. Mixing should be done using a low sped stirrer to form an lump free consistency. NO WATER TO BE ADDED

After 24 hours apply a second coat of slurry using 1 Kg of ***POLYALK WP*** and 1.25 Kg of Cement and apply by brush on the first coat. Mixing should be done using a low sped stirrer to form a lump free consistency. NO WATER TO BE ADDED

Air Cure the surface for 48 Hrs

Cure the coating with damp gunny bags for 4-5 days

Prepare a third coat of slurry using 1 Kg of ***POLYALK WP*** and 1.25 Kg of Cement and apply by brush on the second coat. Mixing should be done using a low sped stirrer to form an lump free consistency. NO WATER TO BE ADDED

While this coat is wet and tacky lay the cement mortar for providing brick bat coba. This has to be a wet on wet application. Add ***SUNPLEX*** (330 gms pouch) per 50 kgs bag of cement in the mortar mix for brick bat coba.

Proceed with providing conventional brick bat coba ,I.P.S over the slab and fix tiles/pan as per requirement. Add ***SUNPLEX*** (330 gms) pouch in the cement mortar mix of the I.P.S to minimize the shrinkage cracks on the I.P.S.