



Thermoflexsystem

THERMOFLEX APPLICATION SHEET NO. 3 WATERPROOFING UNDER SCREED OR TILES

Discussion

Shower areas, balconies etc. often require a waterproofing membrane. THERMOFLEX has successfully been used for this application.

Surface Preparation

All forms of surface contamination must be removed to ensure a smooth surface, free of any loose material, or any other barrier to adhesion. Cracks or voids in the surface must be filled using HYPERCRETE (modified cementitious material) and allowed to cure for a minimum of 24 hours. Should the parapets be rough a HYPERCRETE slurry should be applied over the area which is to receive the flashing. Fullbore covers should be removed to facilitate "dressing in" the waterproofing. It is recommended that the full-bores be checked to ensure that they function correctly. Finally an assesment should be made as to what extent, if any, ponding is likely to occur. Standing water present after rain and run-off in excess of 5mm in depth is considered as excessive. A topping of HYPERCRETE in such areas is recommended. Expansion joints (if present) should be sealed and a PVC slip sheet placed. In no circumstances should the waterproofing be laid directly over the expansion joint.

Application

By means of brush or roller apply a thin uniform coating of THERMOFLEX PRIMER to the entire surface to be waterproofed at a rate of 6sqm/L. Observe fire precaution. Allow 3 hour drying period and "lay up" the area with the THERMOFLEX. Ensure a minimum of 75mm for overlaps. Fold THERMOFLEX back from the vertical surfaces and torch off the plastic backing sheet. Place the heated THERMOFLEX onto the surface ensuring complete contact. Using a trowel lift up the membrane at the overlaps and torch, running along all the joints. Press the heated surfaces together. All edges can now be smoothed by means of a heated trowel.

Flashings

It is recommended that the THERMOFLEX be turned up the parapets 150mm. A DARAFLEX flashing strip of 300mm should overlap the turn-up in such a manner that 100mm of its width be on the horizontal plane and 200mm on the vertical. (See DARAFLEX data sheet)

Finish

No U.V. protection is required