الإمارات اكستروديد بوليستيرين ذ.م.م.
EMIRATES EXTRUDED POLYSTYRENE L.L.C.

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INSTALLATION AND FIXING METHOD

E-Foam panels can be worked with conventional wood working tools. The panels could be bound together with hot Bitumen, dispersion type structural or special adhesives. Instruction for use and safety precautions relating to the adhesive must be observed. Ensure the concrete slab is clean and fairly smooth then water proofing membrane can be laid directly on the slab, and the membrane should be free of solvents which could attack extruded polystyrene, membrane should be good quality. If the concrete surface cannot be made smooth, it is required to lay a protection sheet below the membrane. Protection layer protect the insulation against the wind uplift, buoyancy and ultraviolet degradation can either be gravel or paving slabs.

CONVENTIONAL INSULATION

The conventional insulation method is simple to apply. E-Foam layer is laid over the slab and then waterproofing membrane layer on E-foam and finally the gravel /terrace slab layer.

THE UPSIDE DOWN CONCEPT

Upside - down concept is as simple as it is effective. In this method the membrane is laid directly to the slab / gravel followed by E-foam as the insulation layer with separation layer such as slab with tight join or gravel layer or reinforced concrete. This method has proved the efficiency in extensive practical tests over the long years in the world.

INERNAL WALL INSULATION

For wall application E-Foam can be used with the help of adhesives or by mechanical fasteners. Internal lining can be covered either by gypsum plaster boards or by wire mesh fixed with fastener and normal plaster.

DRAINAGE

The roof slab should be sloped towards the drainage outlet. Waterproofing membrane should be properly installed around the drain opening so that water drains off from the waterproofing membrane to roof outlet.

For Emirates Extruded Polystyrene LLC

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