

Existing Substrate

Insulation Board.

Polystyrene or Rockwool insulation 500mm*500mm. Supplied with recess already cut to fit both horizontal and vertical rails.

Type and thickness to be determined. Wet fixed using base coat applied in dabs. Above 20m a single mechanical fixing in centre of board should be used.

Base Coat.

5/6mm Envirowall high polymer base coat

Reinforcement Mesh.

Overlapped 100mm. Extra patches at doors and windows.

Top Coat.

Acrylic or silicone finish, various grains and textures. 1.5mm white acrylic shown.

Vertical Rail.

Aluminum rail, friction fitted into cut recess on insulation boards. No mechanical fixing. **Blue cross section. Red imbedded outline**

Rail Fixing.

Type and length to be determined by on site pull out tests. Use packing washers where necessary on uneven background to maintain true line. Minimum every 600mm.

Horizontal Rail.

Aluminum rail fixed at 600mm centers to suitable uneven substrate. Position rail in cut recess in insulation prior to mechanical fixing. **Blue cross section. Red imbedded outline**