



Steel Frame.

Steel frame, verticals at 600mm centres.

Cement Particle Board.

Fixed at 300 centres back to steel frame

Vertical Rail.

Pvc rail, friction fitted into cut recess on insulation boards. No mechanical fixing.

Insulation Board.

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

Rail Fixing and Packer.

Consisting of suitable screw determined by on site testing and plastic washer placed behind rail to ensure 15mm drainage gap.

Fire Break Horizontal Rail.

Above all windows above minimum height and at every floor level aluminum rail fixed at 600mm centers to suitable substrate (calcium silicate board shown). Insulation slides onto the rail into a pre cut recess on the edge of the insulation boards.

Fire Break Insulation.

Use when Polystyrene insulation is specified
Minimum 200mm Rockwool insulation between two aluminum horizontal rails. Any vertical rail used must also be aluminum.

Fire Break Vertical Rails.

Vertical rails must also be aluminum.

Base Coat.

5/6mm Envirowall high polymer base coat.

Reinforcement Mesh.

Glass reinforced plastic mesh

Primer.

Acrylic or silicone roller applied to base coat after curing prior to application of top coat

Top Coat.

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

Intumescent Strip.

Placed horizontally at each floor level and horizontally at all corners, and also around any breaks in the elevation (windows, doors etc..)