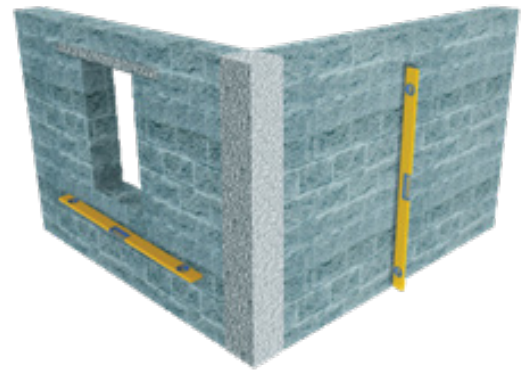


Method Statement

SMART WALL PANEL SYSTEM

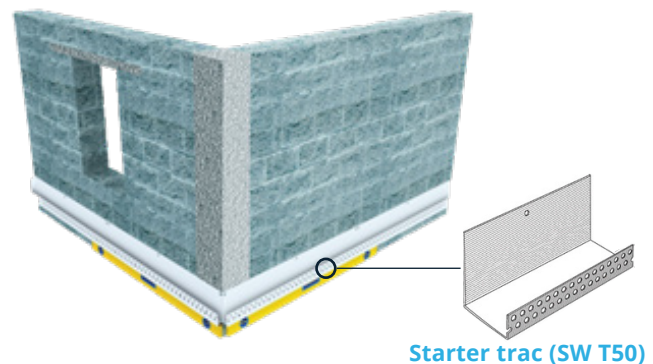
1 Substrate preparation

Before the start of thermal insulation work, it is recommended to check the quality of the existing substrate to assure perfect bonding performance and system integrity. Smart Wall panels must be fixed to level and plumb substrate so that the surface to which the render base coats are applied is level and even throughout.



2 Starter trac profile

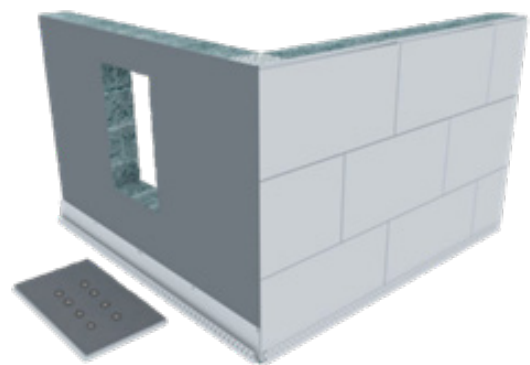
The bottom side of the Smart Wall panel of the building is protected by metal starter trac profiles. Their horizontal location (determined by a spirit level) is very helpful when installing the Smart Wall insulation boards over the entire surface of the wall.



Starter trac (SW T50)

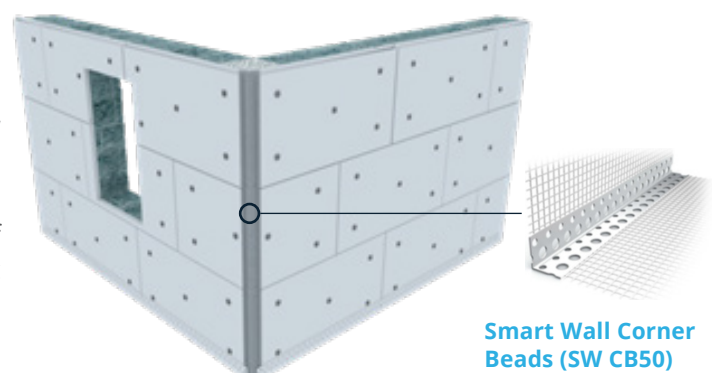
3 Installation of SW panels using adhesive

Apply the adhesive to the entire surface of SW panels using notched stainless steel trowel (13 mm x 13 mm notches spaced 50 mm apart) or Ribbon and Dab method. Install panels horizontally in a running bond pattern, stagger at vertical joints and straight edge at corners. Do not allow the base coat to dry prior installation of panels. Cut the SW panels to fit openings and projections and use single pieces around the corners of openings



4 Mechanical fasteners and corner beads installations

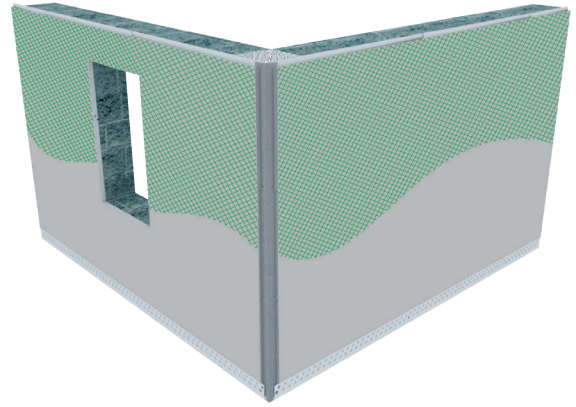
Ensure additional bonding of the board by fixing SW fasteners on the four corners and the center of the board. The mechanical fasteners should recess only 1.6 mm from surface and must not be overdriven. Edges of the building and frames should be protected by plastic angle bars (Corner beads).



Smart Wall Corner Beads (SW CB50)

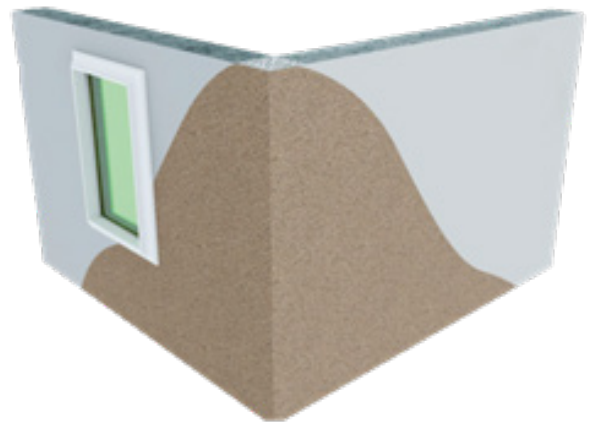
5 Application of SW Mesh

Apply the base coat to the surface of the insulation board to the thickness required for the specified reinforcing mesh to be applied in a given area. Immediately embed the SW M160 reinforcing mesh into the wet base coat with a trowel, working from the center toward the edges, until the mesh is fully covered and a smooth surface is achieved. Allow the base coat to cure a minimum of 12 hours prior to finish coat applications.



6 Finishing of SW panels

Apply CT 16 primer to the surface with paint roller or brush at 4 m² per litre. Consequently, SW Finish coat with smooth finish/heavy renders can be applied with roller brushes or trowels as per the site conditions. Work the top coat to corners, aesthetic grooves, expansion joints or other natural breaks. Do not apply in direct sunlight to avoid dry edge. Protect the finished works until the complete wall is done.



...SW Panels Also Support Stone Cladding...

