

SPACETHERM® WALL LINER (WL)

THERMAL SOLUTIONS

For internal angles, the facing should be trimmed back a distance equivalent to the insulation thickness, allowing the insulation layers to overlap.

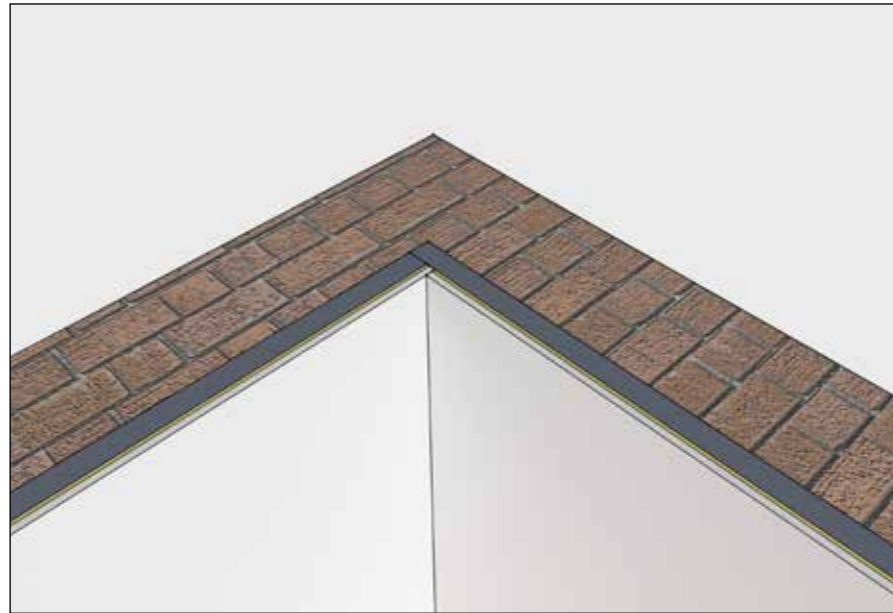


Fig. 6 Internal angle joint in Spacetherm WL

After the boards are fixed in place, the joint should be taped and any gaps filled using a suitable filling compound. If additional strength is required at these edges, the use of a metal angle jointing strip should be considered.

5 JOINTING PANELS

Joints between adjacent Spacetherm WL boards are made in the conventional manner i.e. taped and filled with a gypsum based jointing compound. Where the wall is particularly uneven a skim plaster finish can be used to provide a smooth finish. This can also be used as an alternative to tape and filling if preferred.

Before taping and filling, please ensure the board surfaces are free from dust (it may be necessary to use a vacuum cleaner), as excess dust on the surface may prevent adequate adhesion. Joints are then sanded as normal.



Fig. 7 Preparing Spacetherm WL surface for jointing

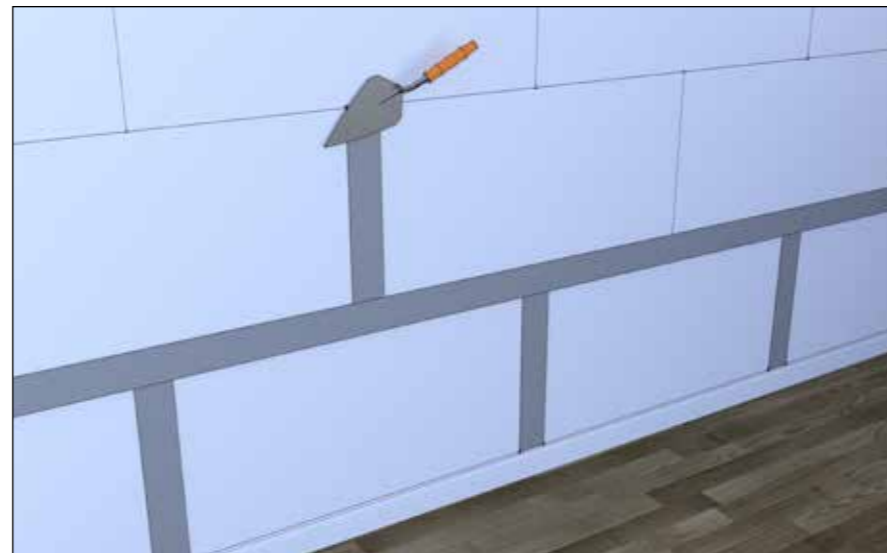


Fig. 8 Taping and filling joints in Spacetherm WL

6 DECORATING

Wipe the Spacetherm WL panels with a dry cloth to remove any dust that may have accumulated on the surface during the installation process. Apply one coat of MgO Primer evenly over the entire upgraded wall area and allow to dry. A single coat of MgO Primer is often enough and will prepare the board to accept interior finishes e.g. paints, plasters, wallpaper, tile, etc.

7 SUBSEQUENT FIXINGS

It is not recommended to place subsequent fixings into Spacetherm WL alone. Any additional fixings that are required should be installed through the Spacetherm WL panels and into the substrate behind by drilling and plugging appropriately.

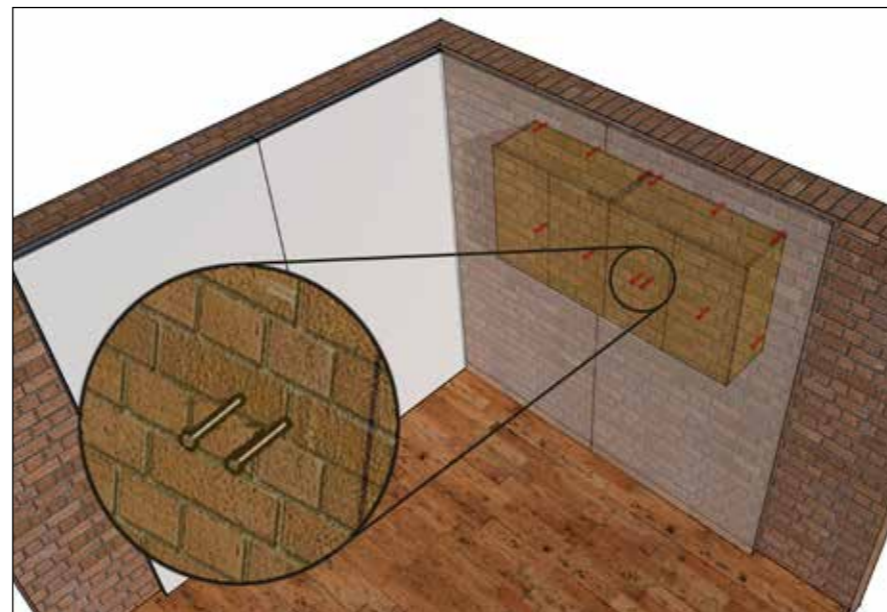


Fig. 9 Fixing kitchen units through Spacetherm WL



10mm SPACETHERM + 3mm MgO BOARD

CUST .....

QTY .....

LOT NO .....



**BEWARE**  
Packs/Boards exceeds 15Kg

Products **MUST NOT** be stacked  
Products must be kept dry **AT ALL TIMES**

For more information contact us:

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## 1 BEFORE YOU START

- Ensure safe access and egress to the work area.
- Restrict access – control the number of people entering the work area.
- Close all unnecessary doors and seal if possible.
- Plan how you are going to carry out the work before you begin.
- Ensure substrates are level and suitable for fixing. Repair as necessary.
- Remove and relocate radiators, sockets and switches as necessary.

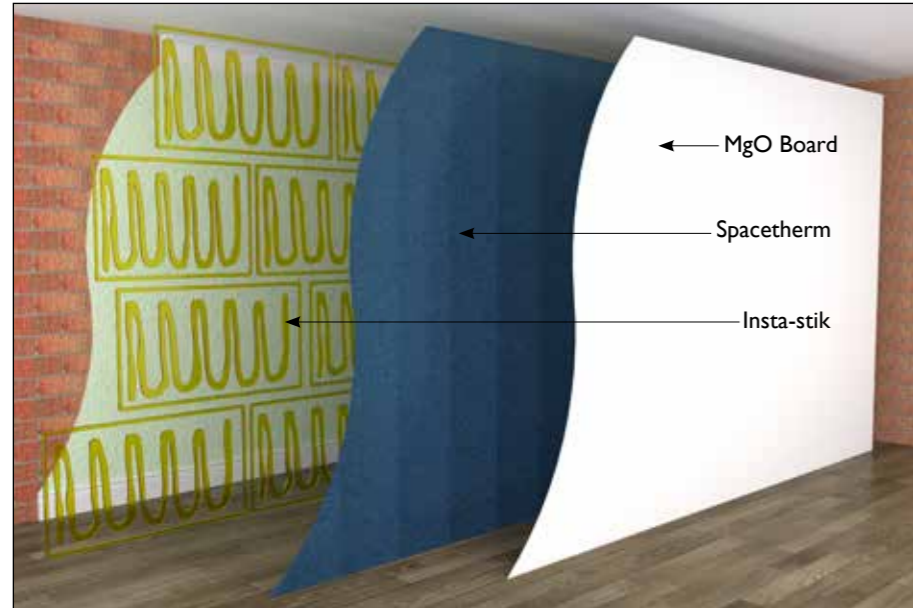


Fig. 1 Spacetherm WL

## 2 CUTTING BOARDS

Where possible it is recommended that the panels are cut outside. If this is not possible, care should be taken to provide adequate ventilation within the cutting area. Indoor cutting should be carried out over a plastic sheet to contain dust. The use of mechanical cutters with local dust extraction systems is recommended. Goggles, gloves and a dust mask should always be worn during the cutting process.

Cutting is best done with a jigsaw or circular saw, whichever is most appropriate for the type of cut. Before cutting, ensure the board is adequately supported. Cuts should always be made from the internal face of the board (e.g. MgO side).



Fig. 2 Cutting Spacetherm WL boards

If required, cut-outs for switches or sockets can be made by carefully measuring the location, drilling the corners and cutting out with a jigsaw in the normal manner. If switches or sockets are to be surface mounted, fixings should be made through the panel and into the substrate (see Section 7).

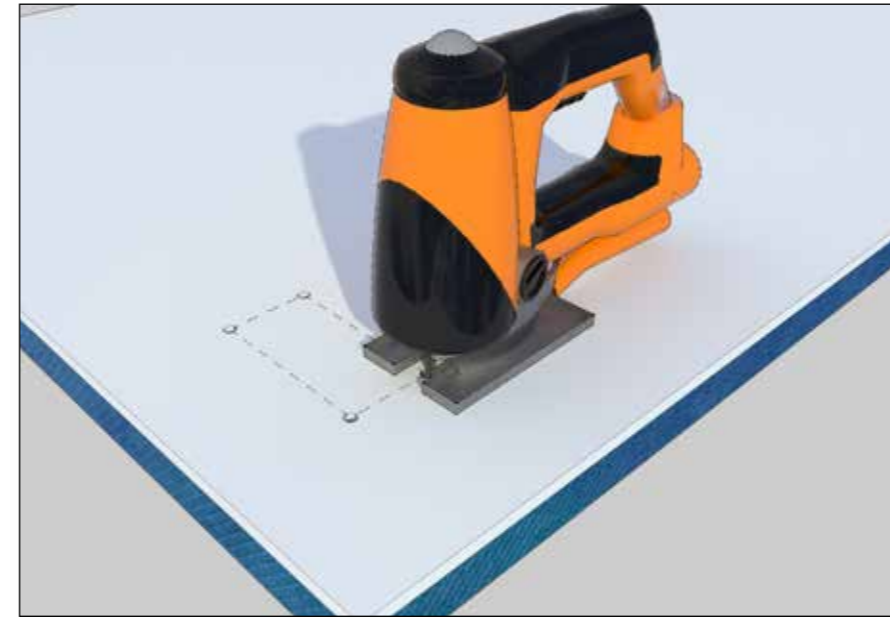


Fig. 3 Making cut-outs in Spacetherm WL

## 3 FIXING BOARDS

Spacetherm WL boards are fixed directly to a continuous solid substrate wall (e.g.: masonry, plasterboard, plaster & lathe) using Insta-stik foam adhesive. Assemble the Insta-stik gun/straw apparatus following the manufacturer's instructions. Ensure the Insta-stik cannister is well-shaken prior to use and that the substrate wall is as clean and dust-free as possible. Select a lower corner of the wall to start the install from.

Place the first WL board on the floor with MgO-side facing down. Starting 30mm away from a corner edge, depress the Insta-stik trigger and apply a bead of adhesive around the full perimeter of the board maintaining a 30mm distance from the edge. Apply Insta-stik adhesive to the remainder of the board in an even 'zig-zag' pattern.

Holding the board at the edges, carefully lift it into position onto the wall. Ensure the adhesive side makes good contact with the substrate wall and that any cut-outs match. Gently press the board against the wall, holding until sufficient adhesion occurs. The first row of WL boards should be supported by existing skirting boards or a batten. Continue this process, 'tiling' the boards across the wall. WL boards can be installed staggered or in-line.

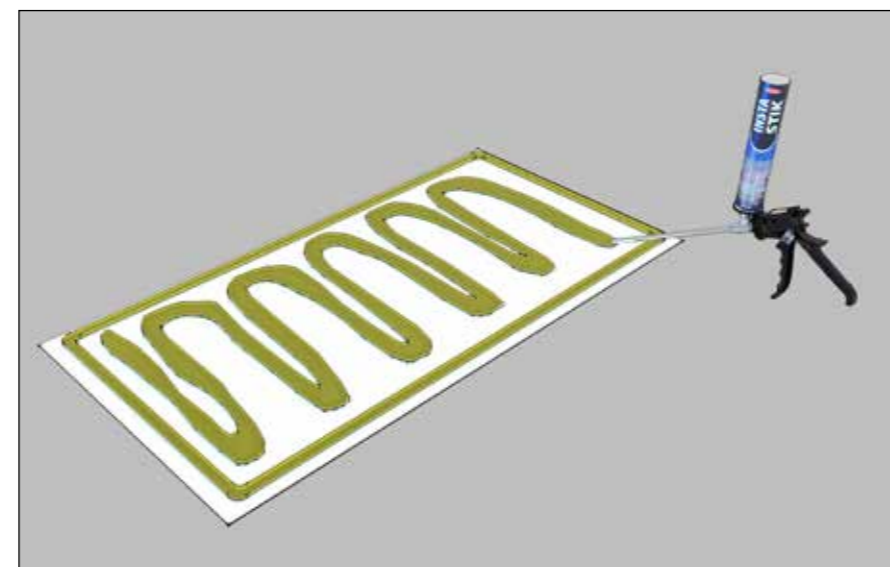


Fig. 4 Applying Insta-stik to back of Spacetherm WL board

## 4 INTERNAL / EXTERNAL ANGLES

At corners, Spacetherm WL boards should be installed in such a way that the insulation layer overlaps to prevent a cold bridge at the junction.

For an external angle, the main wall insulation board should extend beyond the edge of the reveal by a distance equal to the insulation thickness of the panel. The edge of the insulation layer can then be trimmed at a distance equivalent to the main wall insulation thickness from the edge, allowing the two boards to intersect.

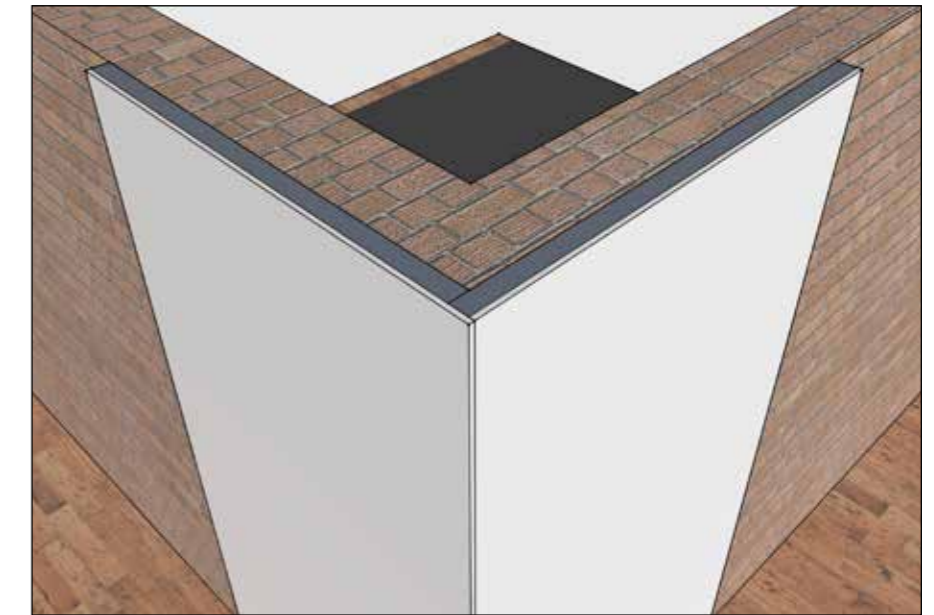


Fig. 5 External angle joint in Spacetherm WL

## Call our Technical Department

The A. Proctor Group has a dedicated Technical Department which can assist with installation details, view drawings for approval and give specialist advice on the correct use of the A. Proctor Group products.

For Technical Advice on installation details and product applications contact the A. Proctor Tecline:

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