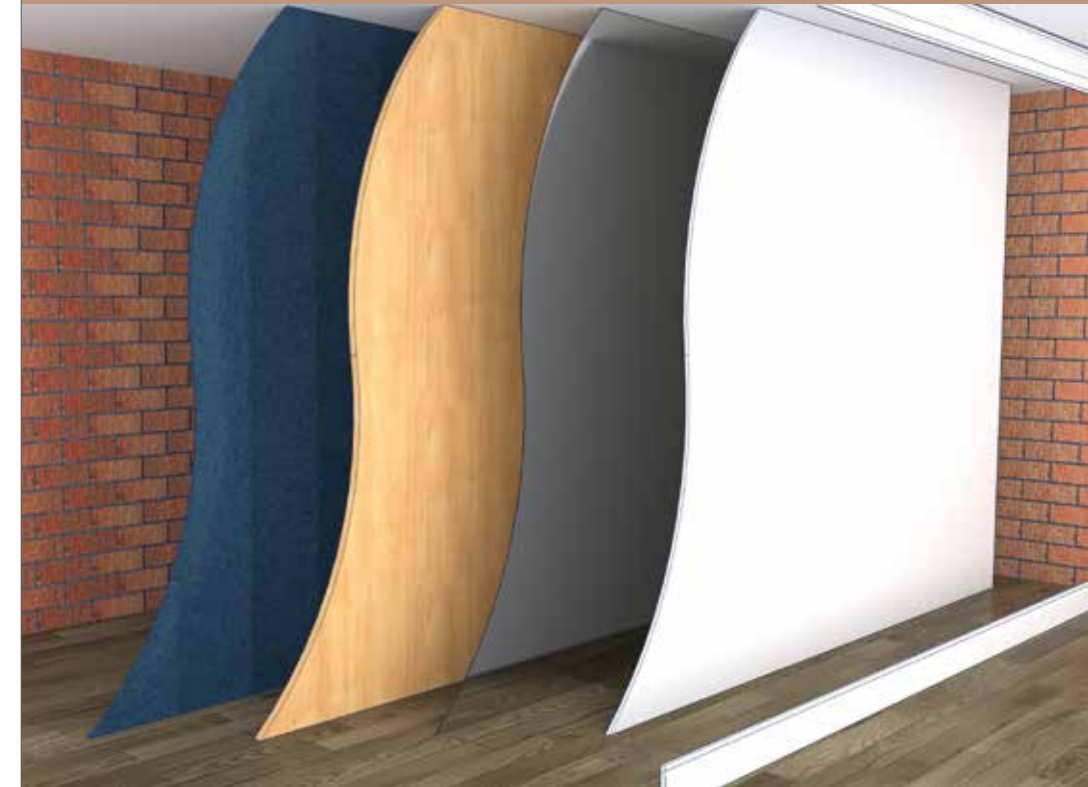


# SPACETHERM<sup>®</sup> DIRECTFIX

THERMAL SOLUTIONS



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

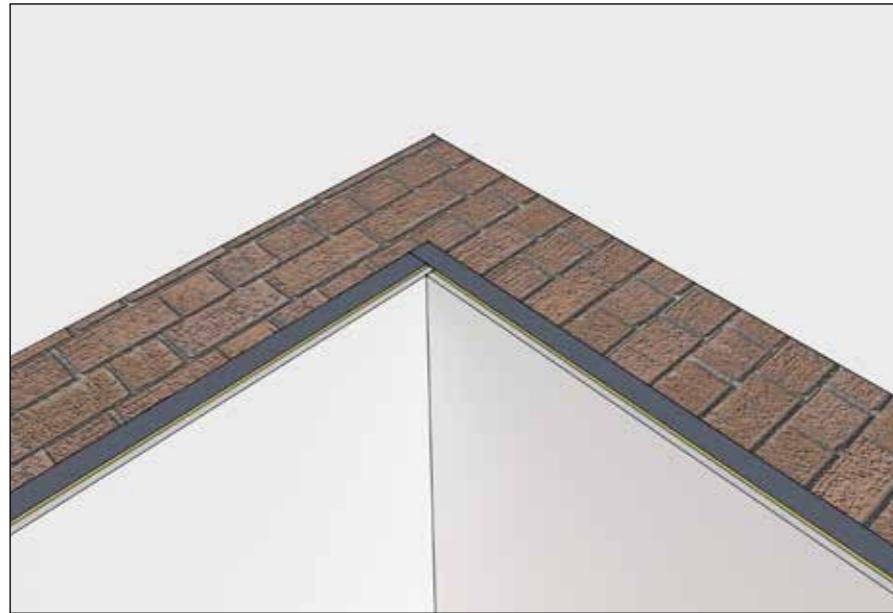


Fig. 6 Internal Angle Joint in Spacetherm Directfix

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 Directfix boards are made in the conventional manner, i.e. taped and filled with a gypsum based jointing compound.

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 Directfix Surface for Jointing



Fig. 8 Taping and Filling Joints in Spacetherm Directfix

## 6 DECORATING

The panels should be wiped down with a dry cloth to remove any dust that may have built up on the surface during the installation process prior to any decorative finishes being applied, it will be necessary to apply a coat of acrylic primer. This should be applied evenly over the entire upgraded wall area and allowed to dry.

## 7 SUBSEQUENT FIXINGS

Although the Spacetherm Directfix panels are durable, it is not recommended that fixings are made into Spacetherm Directfix. Any fixings that are required in these areas should be made through the Spacetherm Directfix panels into the substrate beneath by drilling and plugging.

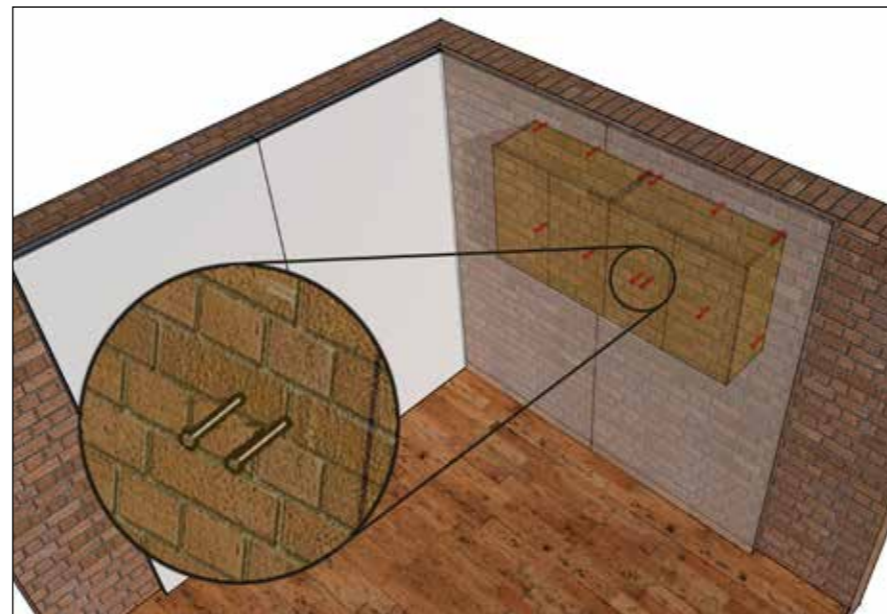


Fig. 9 Fixing kitchen units through Spacetherm Directfix

For more information contact us:

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Revised September 2017



**BEWARE**  
 Packs/Boards exceeds 15Kg

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



CUST .....

QTY .....

LOT NO .....



## 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, and repair as necessary.
- Remove and relocate sockets and switches as necessary.

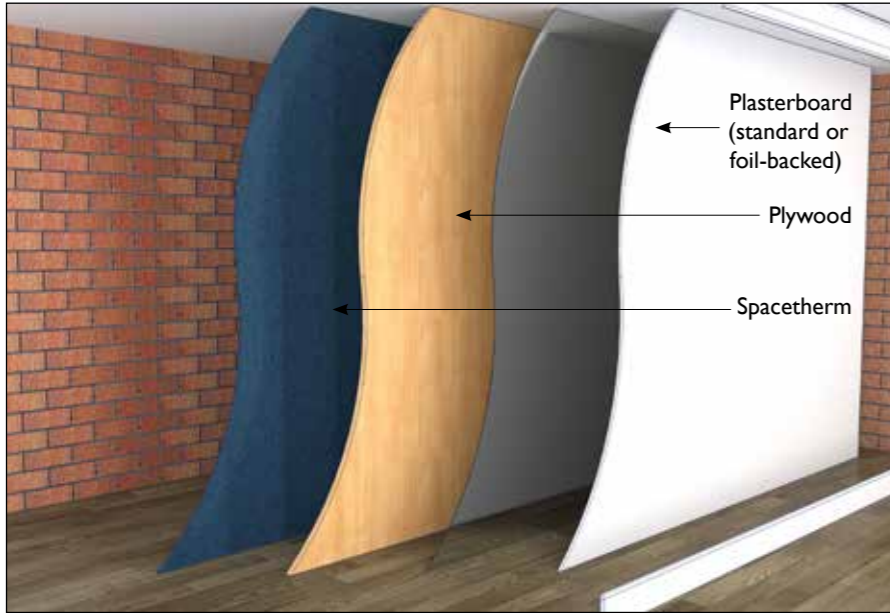


Fig. 1 Spacetherm Directfix Application

## 2 CUTTING BOARDS

Where possible it is recommended that the panels are cut outside. If it is not possible to cut the panels outside then care should be taken to provide adequate ventilation to the internal cutting area.

Mechanical 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, and cuts should always be made from the internal face of the board (e.g. Plasterboard side)



Fig. 2 Cutting Spacetherm Directfix Boards

Sockets and switches must be surface mounted. Any fixings that are required in these areas should be made through the Spacetherm Directfix panels into the substrate beneath by drilling and plugging.

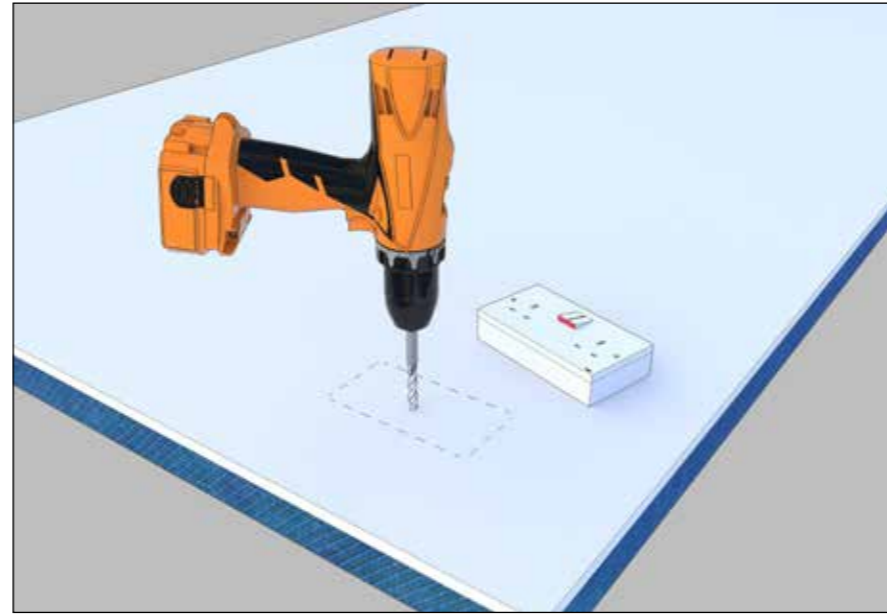


Fig. 3 Making cut-outs in Spacetherm Directfix

Any indoor cutting should be carried out over a plastic sheet to contain dust, and 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.

## 3 FIXING BOARDS

Spacetherm Directfix boards are fixed directly to masonry substrates using shot-fired masonry nails. Prior to installation installers should ensure the substrate is suitable for the use of such fixings, and the surface is sufficiently level and smooth as the direct fixing method does not allow for levelling. If the wall is not sufficiently level, or large voids will be present behind the insulation panels, it is recommended a parge coat be applied prior to installation of Spacetherm Directfix panels. If this coat is applied, it must be ensured that fixings penetrate to the solid masonry below to guarantee adequate fixing strength.

Nail fixing should be made at not more than 500mm centres horizontally and vertically, with all edges and joints adequately secured. Nailgun power settings will vary according to equipment and substrate, and the advice of tool manufacturers should be sought prior to installation. Typically, nail length should be the board thickness +25mm.

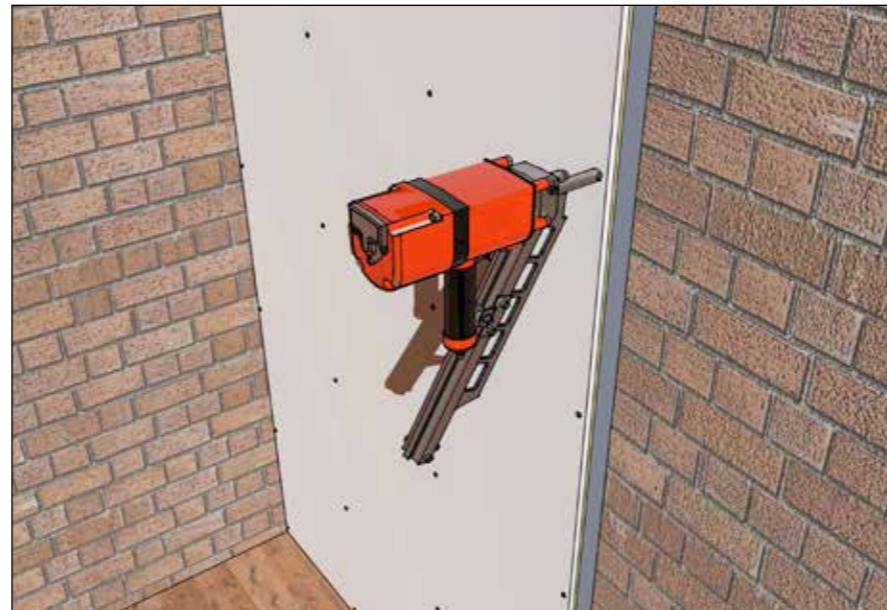


Fig. 4 Direct fixing Spacetherm Directfix using nailgun

## 4 INTERNAL / EXTERNAL ANGLES

Spacetherm Directfix boards at corners should be installed in such a way that the insulation layer overlap to prevent a cold bridge at the junction.

To achieve this, in 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.

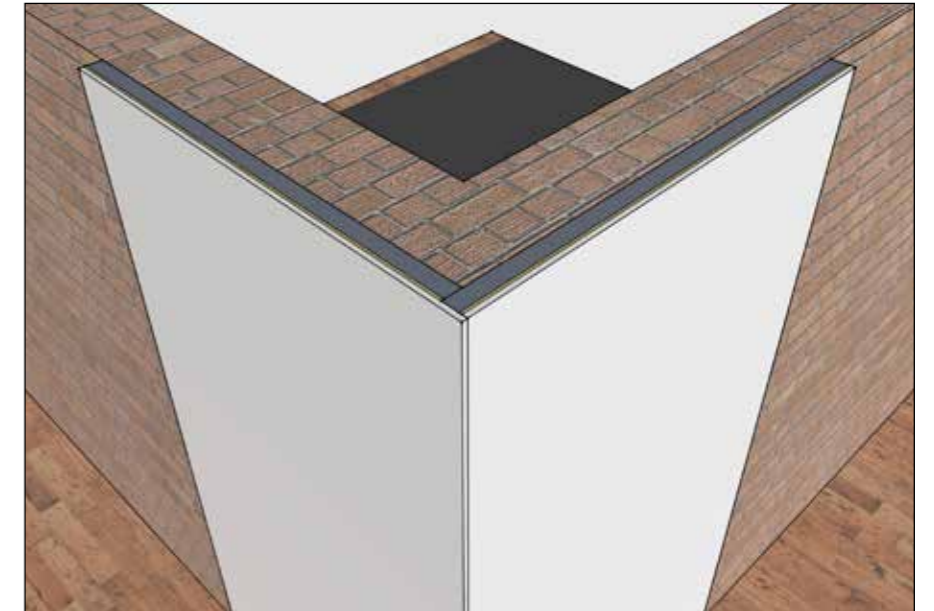


Fig. 5 External Angle Joint in Spacetherm Directfix

## 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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