

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 Wallboard / Spacetherm A2 Wallboard

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 Wallboard / Spacetherm A2 Wallboard 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.

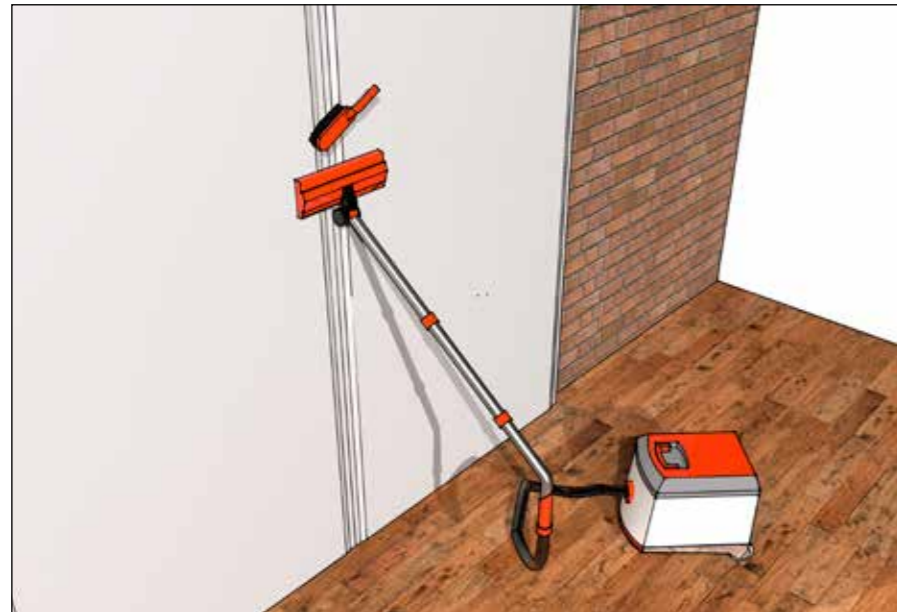


Fig. 7 Preparing Spacetherm Wallboard / Spacetherm A2 Wallboard surface for jointing

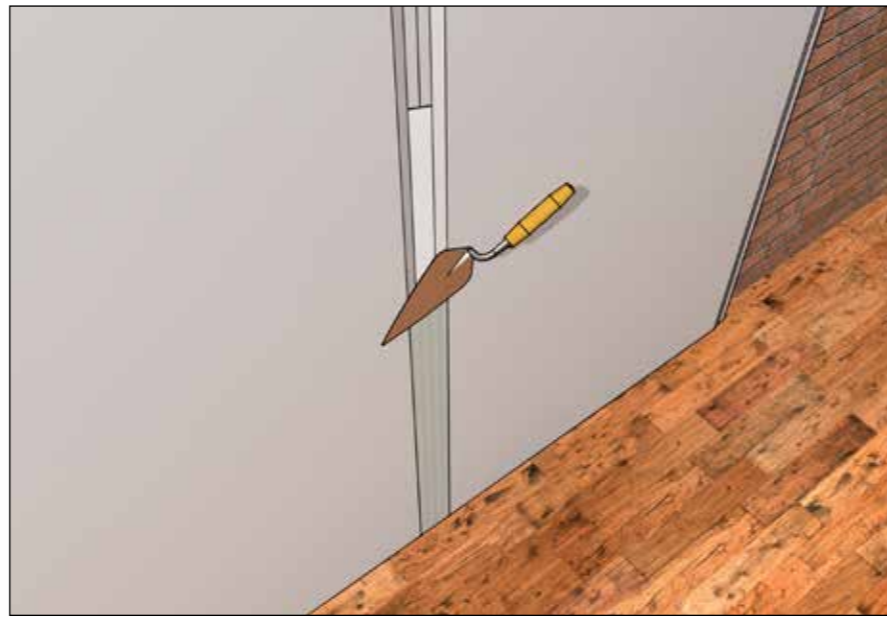


Fig. 8 Taping and Filling Joints in Spacetherm Wallboard / Spacetherm A2 Wallboard

## 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 may be necessary to use a primer suitable for plasterboard. This should be applied evenly over the entire upgraded wall area and allowed to dry.

## 7 SUBSEQUENT FIXINGS

Although the Spacetherm Wallboard / Spacetherm A2 Wallboard panels are durable, it is not recommended that fixings are made into Spacetherm Wallboard / Spacetherm A2 Wallboard. Any fixings that are required in these areas should be made through the Spacetherm Wallboard / Spacetherm A2 Wallboard panel into the timber battens beneath. For heavier items, such as kitchen units, it may be necessary to provide additional support battens prior to fixing the Spacetherm Wallboard / Spacetherm A2 Wallboard panels.

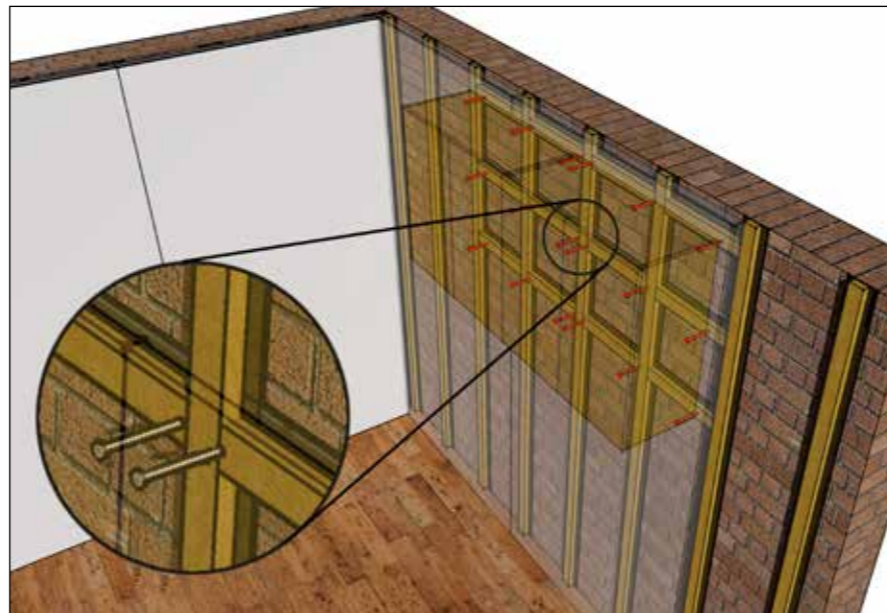


Fig. 9 Fixing kitchen units through Spacetherm Wallboard / Spacetherm A2 Wallboard

For more information contact us:

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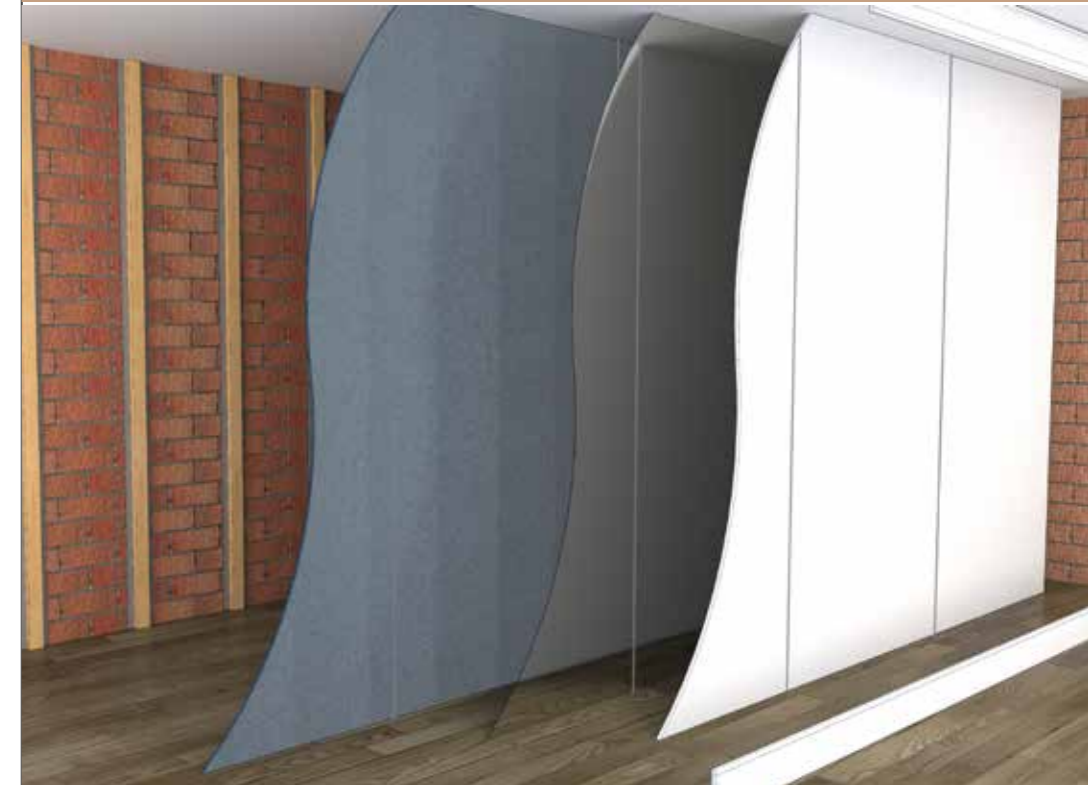
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# INSTALLATION GUIDE

# SPACETHERM® WALLBOARD / SPACETHERM® A2 WALLBOARD

THERMAL SOLUTIONS



## SPACETHERM + PLASTERBOARD / SPACETHERM SLENTEX A2 + PLASTERBOARD

CUST .....

QTY .....

LOT NO .....



**BEWARE**  
 Packs/Boards exceeds 15Kg

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



## 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.

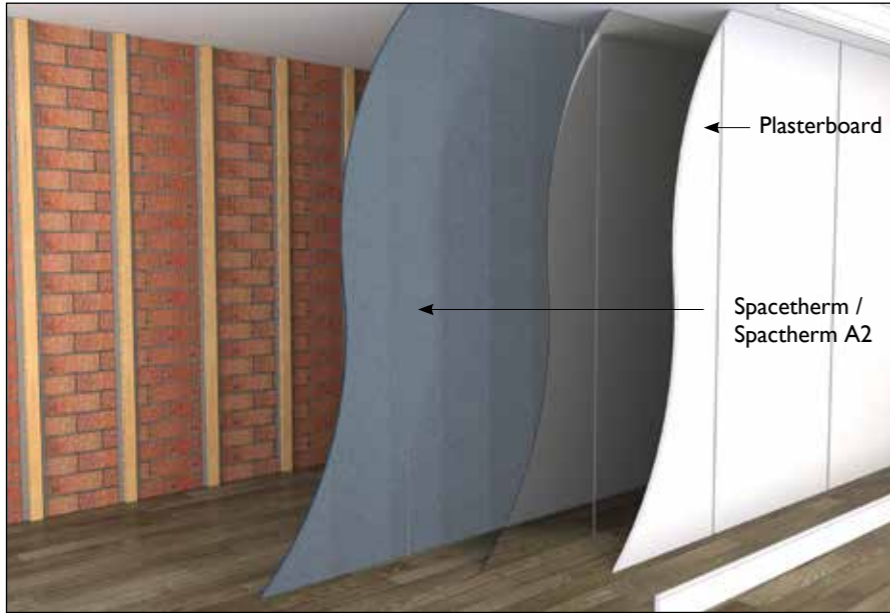


Fig. 1 Spacetherm Wallboard / Spacetherm A2 Wallboard application

## 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 Wallboard / Spacetherm A2 Wallboard boards

Cut outs required for switches or sockets, if required, can be made by carefully measuring the location, then drilling the corners and cutting out with a jigsaw in the normal manner.

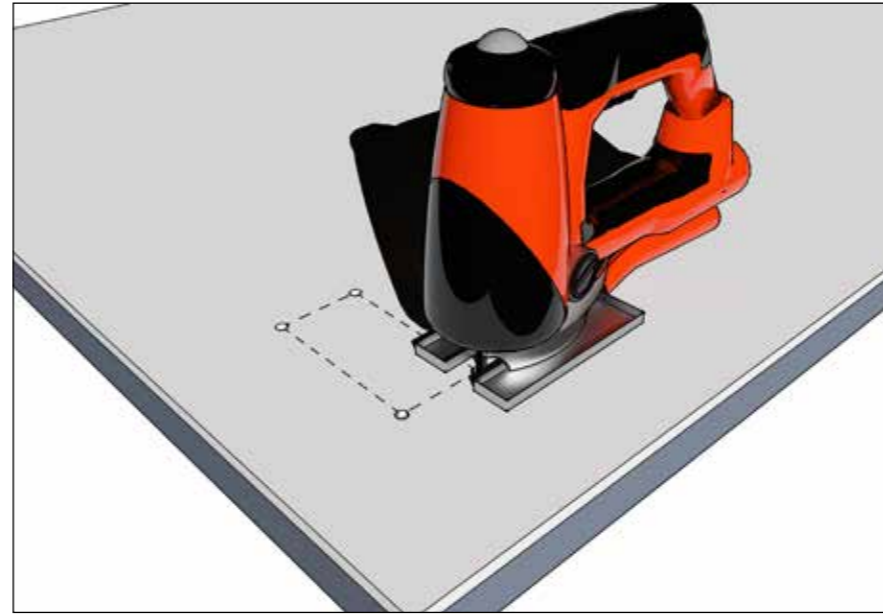


Fig. 3 Making cut-outs in Spacetherm Wallboard / Spacetherm A2 Wallboard

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 Wallboard boards are fixed to timber battens or studwork using standard drywall screws. Timber battens should be secured to the substrate using fixings appropriate to the substrate and anticipated loadings. The timber battens should be a minimum of 25mm deep and protected with a DPC if required. Battens should be spaced at 400mm centres maximum and properly located to support all board joints and edges.

Spacetherm Wallboard boards should be secured to the timber battens or studwork using drywall screws equivalent to the thickness of the Spacetherm Wallboard + 25mm, at no greater than 300mm centres, and at all edges and joints.

Fixings assessed with Spacetherm A2 Wallboard are recommended to be Ejot TKE 4.8 x 60 or Ejot JT3-ST-2-6.0 x 60 for fixing into timber battens. Due to the nature of the fixings these will self-countersink when used to fix plasterboard therefore providing a flush finish.

Fixing centres should be assessed by the project/structural engineer to ensure that adequate fixings are used to resist any imposed or dead loads, wind loads etc that may be exerted on the insulated panels.

Other fixings are available and may be suitable. Consideration should be made to their fire resistance and advice sought from the fixing manufacturer/suppliers.

It is recommended that installers are familiar with the detailed guidance given in BS8212, and all work is carried out in accordance with this code of practice.

## 4 INTERNAL / EXTERNAL ANGLES

Spacetherm Wallboard / Spacetherm A2 Wallboard boards at corners should be installed in such a way that the insulation layer overlaps 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. 4 Fixing Spacetherm Wallboard / Spacetherm A2 Wallboard to timber straps

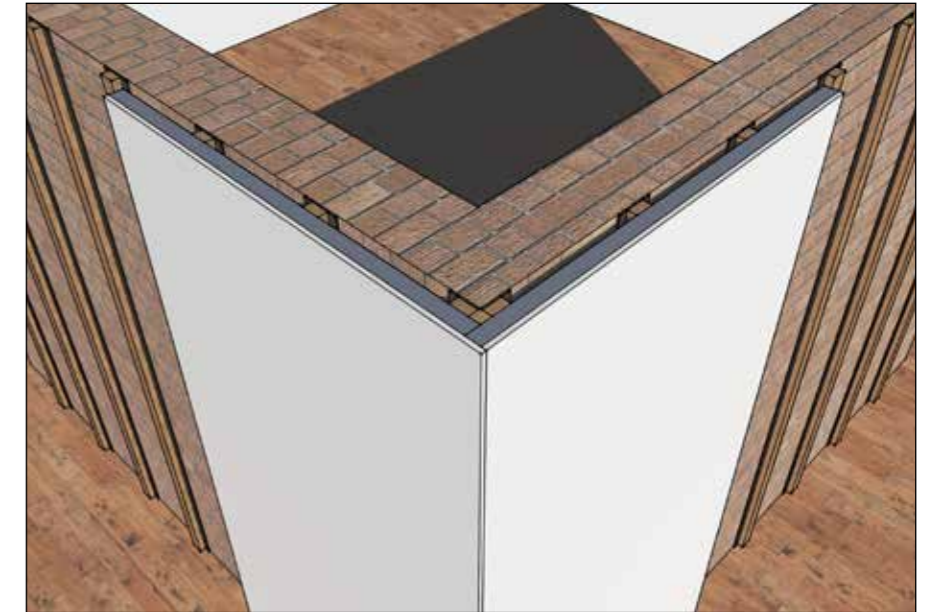


Fig. 5 External Angle Joint in Spacetherm Wallboard / Spacetherm A2 Wallboard

## 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 Techline:

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