

Fixing instructions for Thermabate²



Thermabate, the original insulated cavity closer is now available pre-formed. **THERMABATE²** is made to order, to specified opening sizes. The profile and insulation are of the same high standards present in standard Thermabate sections.

- 1 Available in cavity widths 50mm, 65mm, 75mm, 85mm, 90mm & 100mm.
- 2 Profiles are delivered direct to site.
- 3 Temporary timber bracing is provided relevant to opening size.
- 4 Can be used with plastic, timber or metal window frames.
- 5 An insulated lintel or Thermabate can be used at the head.

THERMABATE² helps you to achieve accurate opening sizes, in cavity widths from 50mm to 110mm.

All these benefits add up to huge savings in time and money. To find out more, or for a quotation, call **01924 362081**.





1 Available in cavity widths 50mm, 65mm, 75mm, 85mm, 90mm & 100mm. A tolerance of up to 10mm can be taken up behind the fixing flange to give a range of widths from 50mm to 110mm.

2 Accurate opening sizes achievable onsite. Temporary bracing provided relevant to opening size.



3 Can be used in conjunction with all types of cavity wall insulation. Thermabate's wall fixing ties are used to secure the profile in position.



4 An insulated lintel or Thermabate can be used at the head. Plastic, timber or metal window frames can be used with Thermabate², fixed independently to either leaf of construction.



The closer sections are delivered pre-formed, assembled into a frame to specified sizes around which the wall is built, for the window frame to be installed later.

If specified, the following accessories are clipped to the cavity closer prior to installation: standard flange clip, reveal clip, flange extension.

When the wall reaches sill level the pre-formed frame is sat in the cavity. Normally the fixing flange will sit on the outer leaf, but this can be reversed if the window is to be set back within the reveal. If the width of the cavity does not match a closer width exactly (eg between 65mm and 75mm) the closer is positioned such that it spans the cavity and any 'gap' in the cavity up to 9mm falls behind the fixing flange.

The pre-formed frame is propped in the vertical.

The wall is built around the jamb sections which are held in place in mortar from the brickwork or blockwork bed joints, which is forced around the ribs at the sides of the insulated cavity closer. THERMABATE wall fixing ties are clipped into the section and bedded into the mortar joints.

An appropriate lintel and damp proof course is incorporated at the head. Where an insulated lintel is used a head closer section will not be required and the jamb sections of the pre-formed closer will butt up against the lintel.

If required, THERMABATE can be used at the head where a separate lintel is used for each leaf. The head section is cut to oversail the jamb section by 50mm on each side.

When the wall has been completed and the mortar set, the timber bracing is removed and the closer sections are fixed to the masonry through the holes provided at 150mm centres in the fixing flange. The window frame will then be introduced into the opening and fixed to the masonry by conventional means. At this stage the standard flange clip will be fixed to the frame and any extension flange to the inner leaf.

To complete the installation a weatherproof sealant is incorporated over a back up strip between the frame, external and internal leaves and plaster or dry lining is applied to the internal reveal.

The product is non-loadbearing and should not be used to support window or door frames, nor used in place of normal cavity wall ties.

ThermAbate²
The cavity closer pre-formed