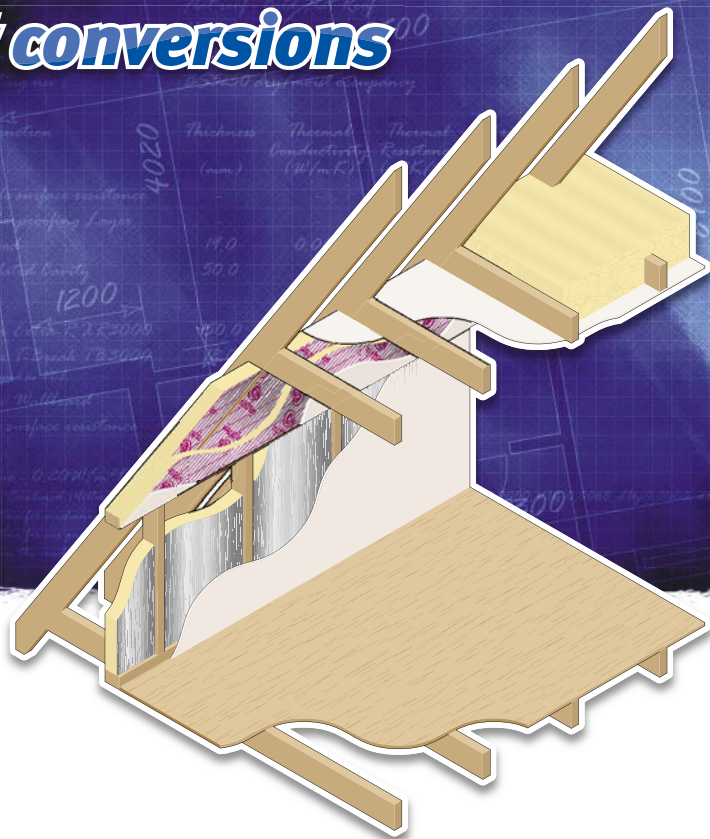


Loft conversions



New attic walls

Attic wall in stud work with **Celotex** insulation between and over the studs. Tape joints to achieve a vapour control layer and finish with plasterboard internally.

All to achieve a U-value of $0.30 \text{ W/m}^2\text{K}$

Existing gable/party wall

Dry line with insulation and finish with plasterboard on battens (see **Solid masonry walls**).

All to achieve a U-value of $0.35 \text{ W/m}^2\text{K}$

New dormer face/cheek with tile hanging

Tiles on battens over breather membrane on sheathing ply, fixed to studs. Insulate between and over the studs. Tape the joints to achieve a vapour control layer and finish internally with plasterboard.

All to achieve a U-value of $0.30 \text{ W/m}^2\text{K}$

Sloping ceiling

Existing tiles on battens on roofing felt over rafters. Insulate between and under rafters (see **Between or between & under rafters**) maintaining a 50 mm ventilation gap above insulation.

Finish with plasterboard.

All to achieve a U-value of $0.20 \text{ W/m}^2\text{K}$

New flat ceiling

Install insulation either over, between or between and under the joists. Install a vapour control layer and finish internally with plasterboard.

All to achieve a U-value of $0.16 \text{ W/m}^2\text{K}$

New flat roof over dormer

Insulate with **Celotex Tempchek™ Deck** and finish internally with plasterboard (see **Flat roof insulating deck & balconies**).

All to achieve a U-value of $0.20 \text{ W/m}^2\text{K}$

General information

Storage and handling

- **Celotex** insulation boards should be stored dry, flat and clear of the ground. Only as much material as can be installed during a single working period should be removed from storage at any one time. If boards are stored under tarpaulins, care should be taken to prevent rope damage to the boards.
- Care should also be taken to ensure that packs are not dropped onto corners or edges.
- Where possible, cut the product using a trimming knife, rather than a saw, to minimise dust creation.
- If using a saw, dust extraction equipment, eye protection and face masks must be provided. Dust or particles in the eyes should be washed out with liberal quantities of water.
- Aluminium foil edges may be sharp. Avoid sliding bare hands along board edges.

Characteristics, properties or performance of materials described herein are derived from data obtained under controlled test conditions. **Celotex Limited** makes no warranty, express or implied as to their characteristics under any variations from such conditions in actual constructions.

All products are supplied subject to our standard terms and conditions of sale, a copy of which is available on request.

Typical details shown in this brochure are provided for guidance only and are not to scale. **Celotex Limited** makes no warranty, express or implied as to the suitability of such details for any particular project. It is the responsibility of the designer to ensure that any design or construction details used are suitable for the project, having due regard to the environmental and structural factors which are beyond the control of **Celotex Limited**.

Notwithstanding the foregoing, nothing herein stated shall exclude or restrict:

- 1 The liability of **Celotex Limited** in respect of death or personal injury pursuant to the relevant provisions of the *Unfair Contract Terms Act 1977*, or
- 2 The liability of **Celotex Limited** in respect of any damage caused by a defect to the extent that such comes within the relevant provisions of the *Consumer Protection Act 1987*.

Health and safety

Full guidance on the appropriate measures to be taken by an employer in accordance with the *COSHH Regulations* is provided in the **Celotex Health and Safety Data Sheet** which can be downloaded from our web site.

Quality assurance

Product and application development is a priority at **Celotex**, with a focus on high performance, durability and usability. This is achieved through a quality management system which has been fully assessed and certified as meeting the requirements of BS EN ISO 9001: 2000.



Other products

Celotex offers a comprehensive range of insulation products for floor, wall and roof applications. For information please visit www.celotex.co.uk or contact our **Sales Department**.

Ancillary components

A list of suppliers of ancillary components for the fixing and sealing of **Celotex** products is available from www.celotex.co.uk or by contacting our **Technical Advisory Service**.

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