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 W/m²K

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 W/m²K

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 W/m²K

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 W/m²K

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 W/m²K

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 W/m²K
### 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.

### 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](http://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](http://www.celotex.co.uk) or by contacting our **Technical Advisory Service**.

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*Calls are charged at 30p per minute and lines are open Monday - Friday from 9:00am - 1:00pm and 2:00pm - 5:00pm. Calls from some networks may cost more. Details and pricing are correct at date of publication – September 2006.