

GENERAL INSTRUCTIONS

- Thinsulex™ is unrolled above or below the rafters in horizontal layers, parallel to the eaves. The product should be installed from ridge to eaves, and over- or under-lapped to ensure that any water inside the rafter space runs down and does not penetrate the insulation or the rafter space. As the Thinsulex™ is unrolled across the rafters it is fixed in place using nails or staples of at least 14mm depth. The next roll of Thinsulex™ must overlap the preceding layer by at least 50mm, and the overlap should be sealed along the entire length using a suitable adhesive tape.
- Thinsulex™ may be installed either way up.
- When installing Thinsulex™, try to retain the full width (with two seams) whenever possible. For the bottom layer, it is better to use a complete layer, and increase the overlap with the next layer up, rather than cutting along the Thinsulex™ to maintain a 50mm overlap.
- Thinsulex™ can be cut using a sharp knife with the Thinsulex™ resting on a board, or with scissors. When cutting Thinsulex™, always retain as much of the welded seam as possible. Where Thinsulex™ has been cut and the layers are exposed, the cut edge should be taped together.
- Pieces which have been cut should be stapled and battened as soon as possible, and should not be left only partially secured overnight.
- Awkward shapes (such as triangular pieces for dormer cheeks) should be taped up, stapled and battened immediately.
- Any tears or holes should be repaired with heat-reflective tape.
- Thinsulex™ should be permanently held in place using wooden battens fixed with nails. Battens may run either parallel or perpendicular to the rafters.
- Plasterboard is fixed to the battens. If insulation material such as glass wool rests directly on the plasterboard, a standard plasterboard is acceptable. If insulation material such as PUR is separated from plasterboard by an air layer then foil-backed plasterboard should be used.
- A breathable roofing membrane is fitted above the rafters following the manufacturer's instructions. Tiling battens and tiles are then fitted.
- Protective clothing is not required when handling Thinsulex™.

INSTALLING ADDITIONAL INSTALLATION

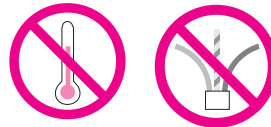
- Install additional insulation according to the manufacturers' instructions.
- Provide for air gaps between additional installation and Thinsulex™ as instructed.

TAPING

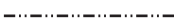

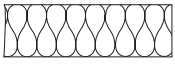



- It is important that Thinsulex™ is securely taped at overlaps and junctions with walls or windows. Silver Duck™ tape from Henkel is recommended as a suitable tape. Other tapes should not be used unless they have been shown to have equivalent bonding to Duck™ tape.
- Thinsulex™ must always be taped together when the surfaces are clean and dry.

STORAGE

- Thinsulex™ rolls must be stored on a flat dry surface, protected from the weather and direct sunlight.
- Make sure when installing Thinsulex™ that it does not come into contact with heat sources greater than 80°C or electric wiring.



KEY TO DIAGRAMS

	WEB UV breather membrane
	Vapour control layer
	Insulation
	Thinsulex
	Fire barrier
	Battens

For more information:

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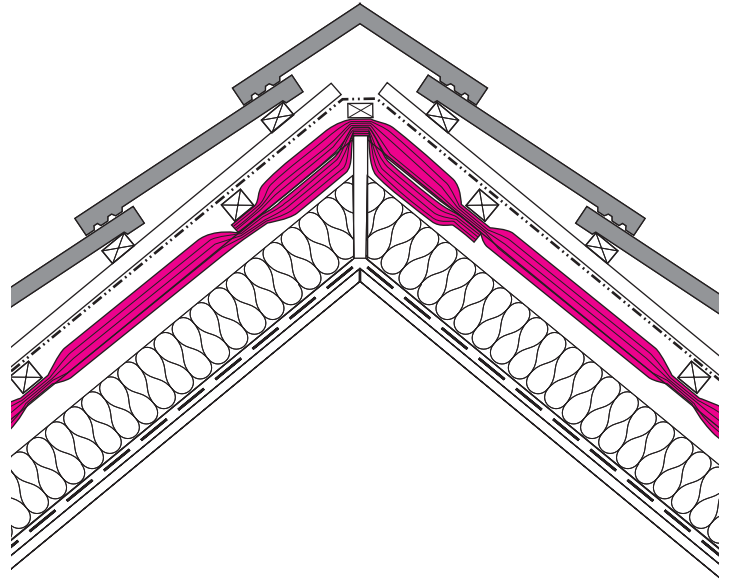
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INSTALLING THINSULEX™ ABOVE RAFTERS

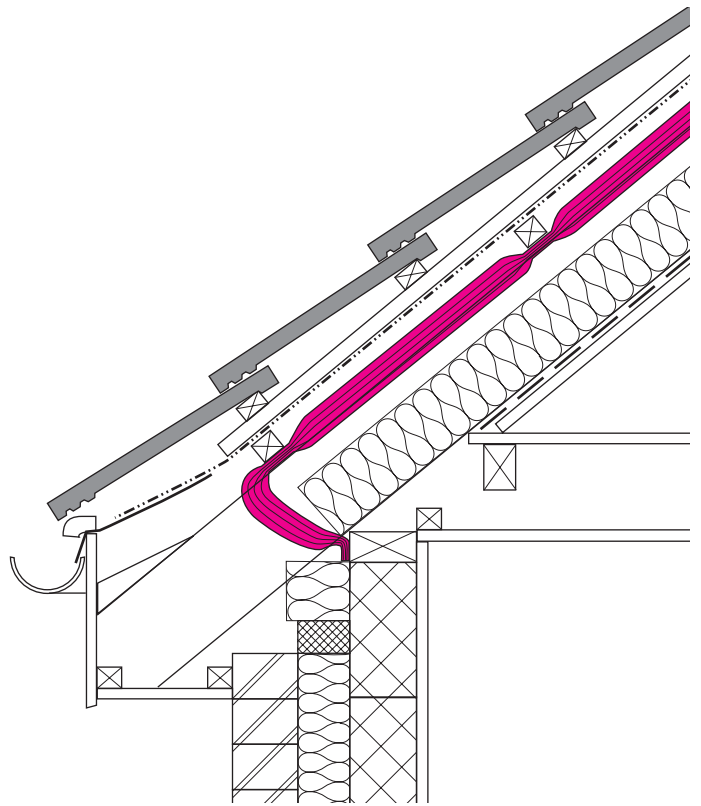
Ridge details

- Pack additional insulation tightly into ridge.
- Install Thinsulex™ over rafters and overlap ridge by 300mm on to opposite side of roof. Staple in place.
- Install Thinsulex™ on second side of roof and overlap ridge by 300mm. Batten in place.
- Ensure batten void is ventilated.



At junction of roof and wall

- Ensure batten void is ventilated
- Take additional insulation between rafters down to wall plate
- Take Thinsulex™ between rafters down to wall plate
- Pack insulation between fire barrier and Thinsulex



At junction of roof and gable

- Take cavity wall insulation level with top of gable wall
- Insert strip of insulation at top of gable to minimise air leakage
- Insert insulation between gable and end rafter
- Take Thinsulex™ past gable wall to prevent thermal bridging

