

TRUEWOOL® LOFT ROLL INSTALLATION GUIDANCE COLD ROOF

Installation in an uninsulated roof

Fit first layer of insulation between joists making sure all joints are close butted to avoid air gaps

Cross-lay additional layers of insulation to reduce channels running the full height of the insulation

Where a low vapour resistance breather membrane is used take the insulation over the wall plate to meet the wall insulation and allow 20mm to accommodate membrane drape

Where a high vapour resistance membrane is used ensure a gap of at least 50mm from the eaves vents to ensure adequate airflow into the loft space

Refer to membrane suppliers' guidance for details

Upgrading pre-existing insulation

In situ insulation should be checked to make sure it has not sagged and that it is tightly jointed. It should also be checked for signs of damp/ infestation. If not fit for purpose it should be removed and replaced

Existing loft insulation which is still fit for purpose can be left in situ and topped up to comply with current Building Regulations/standards by cross-layering over the top of the rafters

Considerations

Water tanks

Insulation should **not** be placed directly under cold water tanks. Insulation should be installed along the sides of the tank to meet the lagging around the tank.

Loft hatches

To preserve the continuity of insulation, loft hatch covers should be insulated with a minimum 100mm thickness of insulation and adhesive tape may be used to hold the insulation in place.

Electrical cables:

The IEE Wiring Regulations, 17th edition and British Standard BS 7671: 2008 provide guidance on the correction factors to be applied in downrating cables. Each case should be separately assessed by a qualified electrician and all electrical cables in close proximity to insulation must be appropriately rated. Where possible, all cables should be lifted free of the insulation.

Downlights

Downlight covers that meet Part F and Part B of the Building Regulations should be used where necessary

Recessed Lights

A recessed light fitting that is not type F-capped should be replaced with a fitting that is certified F-capped and IP6X dust tight.

Other electrical apparatus

The insulation material must be installed a minimum of 75mm away from other electrical apparatus penetrating the ceiling. Assessment and advice should be sought from a qualified electrician

Transformers/ballast units

Any transformers or ballast units should be placed on a suitably sized plate (usually 150mm x 150mm) made from non-combustible material which sits on top of the insulation material. Transformers and ballast units should not be buried under insulation material unless they are specifically approved for this purpose.

Flues & Chimneys

Truewool® Loft rolls should not be installed with 150mm of a working flue or chimney

Health & Safety

Unlike many forms of insulation, sheep wool insulation is not a skin irritant. However the usual precautions when working in a dusty environment such as a loft space apply

- Ventilate the working area if possible
- Use a disposable face mask

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