Pack compressible insulation between last joist and gable wall

Partial fill insulation to be secured firmly against the innerleaf of the cavity wall

Wall build-up:
Varies, to achieve U values within the 0.18 or 0.15 Wall type Ranges (refer to Appendix D of TGD part L 2011)

Roof buildup:
Varies, to achieve Roof U values within the 0.21 or 0.15 Wall type Ranges (refer to Appendix D of TGD part L 2011)

Ensure full depth of over roof insulation over joists extends to roof edge

Fit insulation over wall top within gable ladder. Fully fill void, ensuring that insulation is installed tightly between joists and is in contact with roof deck. A min. R-value of 5.00 m²K/W is required.

Cavity Closer

Ensure wall top is level and that wall insulation is taken up level with wall top

Partial fill insulation to be secured firmly against the innerleaf of the cavity wall

The diagrams, drawings and details included in this brochure are for indicative purposes only. They do not constitute nor should they be relied upon as guiding or providing any design detail. They focus on the issues of thermal performance only. Insulation thicknesses of the main building elements have not been provided, as these are dependent on the thermal properties of the materials chosen, as well as on the desired U value. These diagrams, drawings and details illustrate good practice for the design and construction of interfaces solely in connection with thermal performance. The product should be used with due regard to all other requirements imposed by the Building Regulations and advice should be sought from a design professional in connection with the use of the product where required.

Note:
In the 0.18 U Value Range the model surpasses the default Psi value and therefore a y-value of 0.08 can be assumed using this option without a y-value calculation, provided all other details in the building comply with the published ACDs and/or Roadstone modelled details.

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