



Accredited (Indicative) Detail Number: MEI-RG-02

GENERAL NOTES

- If required by BS5250 use a vapour control plasterboard or a separate vapour control layer behind the plasterboard.
- Vapour permeable roof underlay to be used in strict accordance with approved third party certification.
- The use of under rafter insulation is considered best practice as it eliminates the cold bridge caused by the rafter.
- This detail to be read in conjunction with detail No: MEI-RE-03 or MEI-RE-04.

The above indicative guidance illustrates good practice for the design and construction of interfaces only in respect to ensuring thermal performance and air barrier continuity. The above guidance must be implemented with due regard to all other requirements imposed by the Building Regulations.

CHECKLIST (TICK)

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Ensure the top of wall is levelled with mortar to the correct pitch and that the wall insulation is taken up level with top of wall. ①

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Ensure continuity of the insulation throughout the junction.

☐

Fit the insulation over the top of the wall within the gable ladder. Fill the void unless the roof underlay requires to be draped when a 25mm void must be maintained. ②

☐

Ensure that the full depth of insulation between and under the rafters extends to the wall. Pack the gap between rafter and wall with compressible insulation. ③

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Ensure that the insulation is installed tightly between the rafters and is in contact with the under rafter insulation. ④

Complying with the above checklist items qualifies the builder to claim the Ψ value given in Table 3 of IP 1/06 and Table K1 of SAP 2005.

CHECKLIST (TICK)

☐

Fix ceiling first and seal all gaps between the ceiling and masonry wall with either plaster, adhesive or flexible sealant. ⑤

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Seal all penetrations through air barrier using a flexible sealant.

Complying with all of the above checklist items will help achieve the design air permeability and may effect a reduced testing regime.

OPTION (TICK)

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Plaster coat, or

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Blockwork inner leaf/parging coat applied to internal face of inner leaf with plasterboard over, or

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Plasterboard on dabs with continuous ribbon of adhesive around all openings, along the top and bottom of the wall, and at internal and external corners.

THERMAL PERFORMANCE OF JUNCTION

AIR BARRIER CONTINUITY

AIR BARRIER OPTIONS

| SITE MANAGER/ SUPERVISOR: | SITE NAME: | PLOT No: | DATE: |
|---------------------------|------------|----------|-------|
| | | | |

MEI-RG-02 Pitched Roof. Between & Under Rafter Insulation. Unventilated Rafter Void. Gable.

Masonry External Wall Insulation