



Accredited (Indicative) Detail Number: MCI-RG-04

GENERAL NOTES

- Ensure that cavities are kept clean of mortar snots or other debris during construction.
- 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 over joist and under rafter insulation is considered best practice as it eliminates the cold bridge caused by the joist/rafter.
- The installation of the eaves insulation must not prevent free water drainage below the tiling battens.
- This detail to be read in conjunction with detail No: MCI-RG-02

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)

☐

Ensure the gap between the wall plate and the proprietary eaves ventilator is completely filled with insulation having a min. R-value across the thickness of the insulation of 1.2 m².K/W. ①

☐

Ensure continuity of the insulation throughout the junction.

☐

Ensure that the full depth of insulation between and below the rafters abuts the eaves insulation.

☐

Ensure that the insulation is installed tightly between the rafters and is in contact with the under rafter insulation. ②

☐

Ensure that partial fill insulation is secured firmly against the inner leaf of the cavity wall. If using partial fill insulation, tuck compressible insulation down into head of cavity.

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)

☐

Bed the wall plate on a continuous mortar bed.

☐

Fix ceiling first and seal all gaps between the ceiling and masonry wall with either plaster, adhesive or flexible sealant. ③

☐

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)

☐

Plaster coat, or

☐

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

☐

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:

MCI-RE-04 Pitched Roof. Between & Under Rafter Insulation. Unventilated Rafter Void. Storey and a Half.

Masonry Cavity Wall Insulation