

ACCEPTABLE HEAD DETAIL



THERMAL PERFORMANCE

100 to 150mm cavity blown filled with silver polystyrene beads ($\lambda = 0.033$)

Provide 150mm Rockwool fulfil insulation placed between lintels with a $\lambda = 0.04$ (or 100mm insulation if a 100mm cavity), with proprietary cavity closure of $\lambda = 0.04$ or smaller.

Construction of wall

100mm rendered block or brick outer leaf, 100 to 150mm cavity pump filled with silver beads ($\lambda = 0.033$), 100mm concrete block inner leaf ($\lambda = 1.15$).

For use with a U-Value of 0.29 to 0.21w/m²K

Tested to BRE IP 1/06: Compliance with checklist qualifies builder to claim a Psi value equivalent to the accredited detail from Table K1 of appendix K of SAP - 2009

GENERAL NOTES

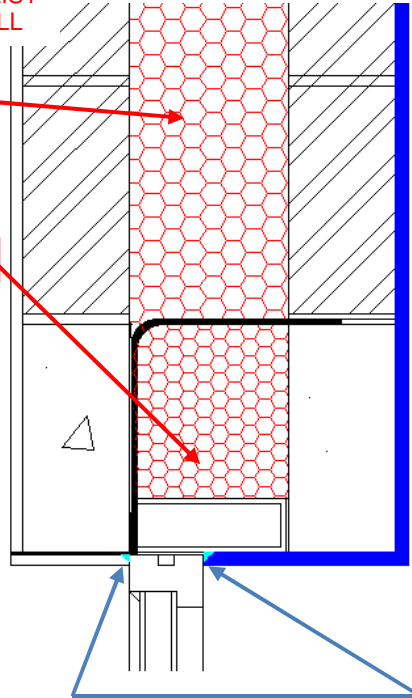
Keep cavities clean of mortar snots and other debris during construction

SITE ADDRESS

SITE MANAGER

DATE

CHECKLIST
TICK ALL



Detail not to

AIR BARRIER - CONTINUITY

CHECKLIST
TICK ALL



Seal all penetrations through air barrier with a flexible sealant



Apply flexible sealant to all interfaces between internal air barrier and window / door frame member

AIR BARRIER - OPTIONS

CHECKLIST
TICK ONE



Masonry inner leaf with wet-finish plaster, or



Masonry inner leaf with scratch coat, and finished with plasterboard, or



Inner leaf with plasterboard on dabs, with continuous ribbon of adhesive tape around all openings, along top and bottom of wall, and at internal and external corners, or



Airtightness membrane and tape

ACCEPTABLE SILL DETAIL

THERMAL PERFORMANCE

CHECKLIST
TICK ALL

100 to 150mm cavity pumped with silver beads
($\lambda = 0.033$)

Provide a short sill which sits on the outer leaf
and extends into the cavity by a maximum of
50mm

Provide a 100mm PIR insulation behind the sill
where cavity is 150mm (50mm PIR where
cavity is 100mm).

CONSTRUCTION OF WALL

100mm rendered block or brick outer leaf,
100 to 150mm cavity pump filled with silver
beads ($\lambda = 0.033$), 100mm concrete
block inner leaf ($\lambda = 1.15$).
For use up to a U-Value of $0.21\text{w/m}^2\text{K}$

*Tested to BRE IP 1/06: Complying with
checklist qualifies builder to claim a Psi
value equivalent to the accredited detail
from Table K1 of appendix K of SAP - 2009*

GENERAL NOTES

Keep cavities clean of mortar snots and other
debris during construction.
Ensure a weather drip and sealant to the
window frame sill junction.

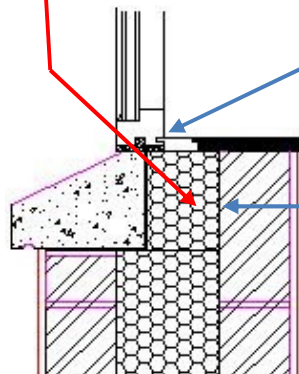
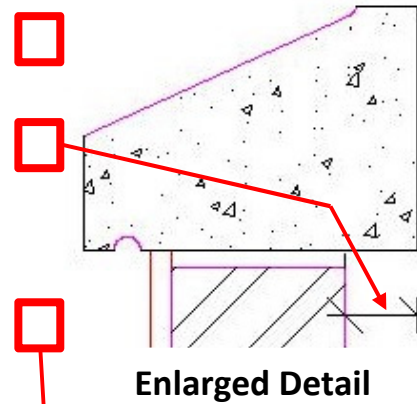
SITE ADDRESS

SITE MANAGER

DATE

CHECKLIST
TICK ALL

AIR BARRIER - CONTINUITY



- Seal all penetrations through air barrier
with a flexible sealant
- Apply flexible sealant to junctions between
plaster/plasterboard and sill board, and
between sill board and window frame
- Ensure air barrier continuity between the
window and the wall air barrier
- If forming the wall air barrier with a block
inner leaf or with scratch coat on
blockwork, insert a flexible sealant
between the cavity closure and the block
wall.

CHECKLIST
TICK ONE

AIR BARRIER - OPTIONS

- Masonry inner leaf with wet-finish plaster, or
- Masonry inner leaf with scratch coat, and
finished with plasterboard, or
- Inner leaf with plasterboard on dabs, with
continuous ribbon of adhesive tape around all
openings, along top and bottom of wall, and at
internal and external corners, or
- Airtightness membrane and tape

ACCEPTABLE JAMB DETAIL

THERMAL PERFORMANCE

100 to 150mm cavity pumped with silver beads ($\lambda = 0.033$)

Provide a 50mm PIR insulation with vertical dpc to the jamb

Construction of wall

100mm rendered block or brick outer leaf, 150mm cavity pump filled with silver beads ($\lambda = 0.033$), 100mm concrete block inner leaf ($\lambda = 1.15$).

Tested to BRE IP 1/06: Compliance with this detail and checklist qualifies the builder to claim a Psi value equivalent to the accredited detail from Table K1 of appendix K of SAP - 2009

GENERAL NOTES

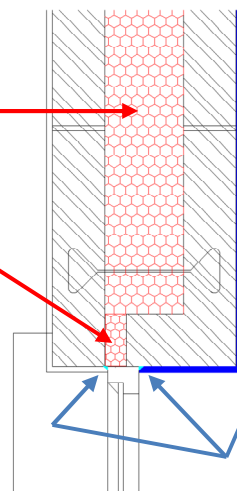
Keep the cavities clean of mortar snots and other debris during construction

SITE ADDRESS

SITE MANAGER

DATE

CHECKLIST
TICK ALL



Detail not to scale

AIR BARRIER - CONTINUITY

CHECKLIST
TICK ALL



Seal all penetrations through air barrier with a flexible sealant



Apply flexible sealant to all interfaces between internal air barrier and window / door frame member

AIR BARRIER - OPTIONS

CHECKLIST
TICK ONE



Masonry inner leaf with wet-finish plaster, or



Masonry inner leaf with scratch coat, and finished with plasterboard, or



Inner leaf with plasterboard on dabs, with continuous ribbon of adhesive tape around all openings, along top and bottom of wall, and at internal and external corners, or



Airtightness membrane and tape