ACCEPTABLE SILL DETAIL (Full Fill)

THERMAL PERFORMANCE

100 to 150mm cavity filled with a proprietary pumped insulation (λ = 0.033)

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

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

CONSTRUCTION OF WALL
100mm brick or rendered block outer leaf, 100 to 150mm cavity filled with a proprietary pumped insulation (λ = 0.033), 100mm concrete block inner leaf (λ = 1.15).

For use up to a U-Value of 0.29 - 0.21w/m^{2}K

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

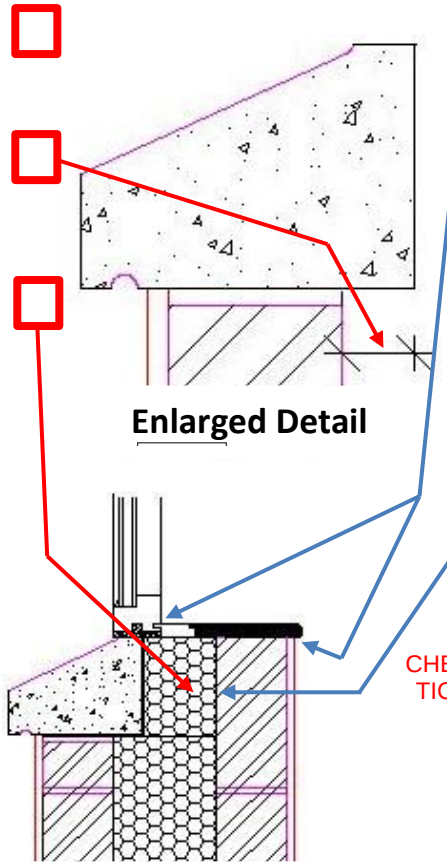
GENERAL NOTES
Keep cavities clean of mortar droppings and other debris during construction.
Ensure a weather drip and sealant to the window frame sill junction.

SITE ADDRESS

SITE MANAGER

DATE

CHECKLIST TICK ALL



Enlarged Detail

Details not to scale

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

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ACCEPTABLE JAMB DETAIL (Full Fill)

THERMAL PERFORMANCE

100 to 150mm cavity filled with a proprietary pumped insulation (λ = 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 filled with a proprietary pumped insulation (λ = 0.033), 100mm concrete block inner leaf (λ = 1.15).

For use with a U-Value of 0.29 - 0.21w/m^{2}K

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

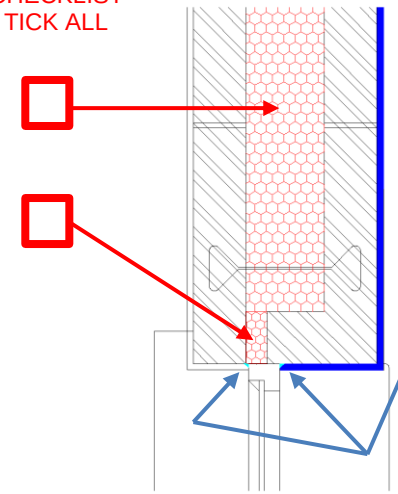
GENERAL NOTES
Keep the cavities clean of mortar droppings and other debris during construction

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

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ACCEPTABLE HEAD DETAIL (Full Fill)

THERMAL PERFORMANCE

CHECKLIST
TICK ALL

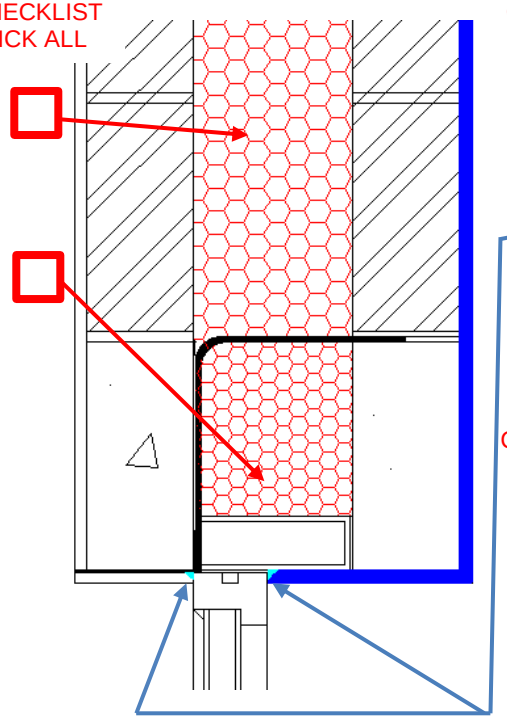
100 to 150mm cavity filled with a proprietary pumped insulation (λ = 0.033)

Provide 150mm mineral wool slab (λ = 0.04) (or 100mm insulation if a 100mm cavity). Proprietary cavity closure of λ = 0.04 to aid plastering of opening.

Construction of wall
100mm brick or rendered block outer leaf, 100 to 150mm cavity filled with a proprietary pumped insulation (λ = 0.033), 100mm concrete block inner leaf (λ = 1.15).

For use with a U-Value of 0.29 - 0.21w/m^{2}K

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



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

GENERAL NOTES
Keep cavities clean of mortar droppings and other debris during construction.

SITE ADDRESS

SITE MANAGER

DATE

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