

(1) WALLS:- INSULATION IN CAVITY

Ope - Jamb with closer block
(Dense blockwork)

UI - CTPIR - 1.24 - Rev 3 - Jamb

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

ENSURE CAVITYTHERM
CT/PIR IS SECURED FIRMLY
AGAINST INNER LEAF OF
CAVITY WALL ☐

WHERE THERE IS A 125mm OR
150mm WIDE CAVITY ENSURE
75mm PIR (0.022 W/m K) OR ☐
WHERE THERE IS A 110mm
WIDE CAVITY ENSURE 60mm
PIR (0.022 W/m K) INSULATION
IS INSTALLED TO CLOSE THE
CAVITY



Block inner leaf

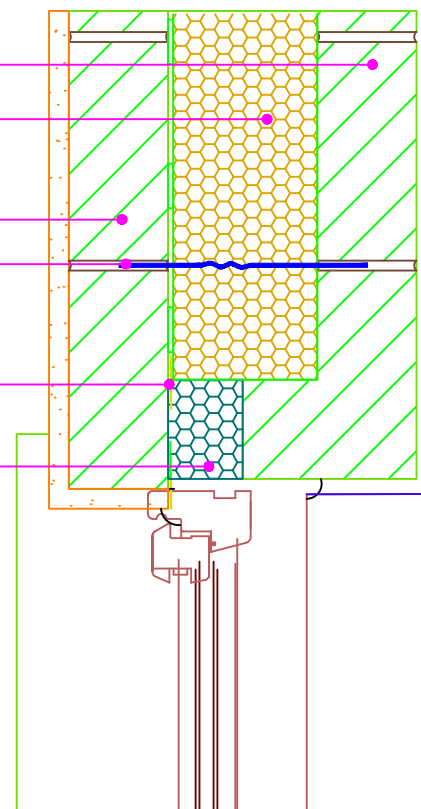
Unilin Insulation CavityTherm CT/PIR

Block outer leaf

Wall tie

DPC

Unilin Insulation PIR
(0.022 W/m K) Cavity closer



Drawings are for illustration purpose only - not to scale
Details are based on the acceptable construction details
Refer to S.R. 325 for further guidance on detailing

AIR BARRIER - CONTINUITY

CHECKLIST
(TICK ALL)

☐ SEAL ALL PENETRATIONS
THROUGH AIR BARRIER USING
A FLEXIBLE SEALANT

☐ APPLY FLEXIBLE SEALANT TO
ALL INTERFACES BETWEEN
INTERNAL AIR BARRIER AND
WINDOW/DOOR FRAME
MEMBERS

☐ IF A PROPRIETARY CAVITY
CLOSER IS USED, WHEN
FORMING THE AIR BARRIER TO
THE WALLS WITH A
BLOCKWORK INNER LEAF OR A
SCRATCH COAT ON BLOCKS,
INSTALL A FLEXIBLE SEALANT
BETWEEN THE CAVITY
CLOSER AND THE
BLOCKWORK WALL

☐ SEE ACD 1.24 FOR AIR
BARRIER OPTIONS

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GENERAL NOTES

Keep cavities clean of mortar snots and other debris during construction



CERT No: IAB/TM/01
Thermal Modelers Scheme

CavityTherm CT/PIR mm	110	125	150
Psi Value ψ (W/mK)	0.017	0.012	0.016
Temperature Factor (<i>f</i>)	0.97	0.97	0.97
U-Value Wall (W/m ² K)	0.18	0.16	0.13

To be read in conjunction with the Acceptable Construction Details
Any changes to the above construction may change the calculated values
The U values indicated on this certificate are the actual U values for the proposed construction.
The Psi values are calculated using the modelled U value in accordance with the guidelines set out in
BR497 and ISO 10211. Contact Unilin Insulation technical support for further guidance

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