

(1) WALLS:- INSULATION IN CAVITY

Ope - Concrete forward sill
(Dense blockwork)

UI - CTPIR - 1.26 - Rev 3 - Sill

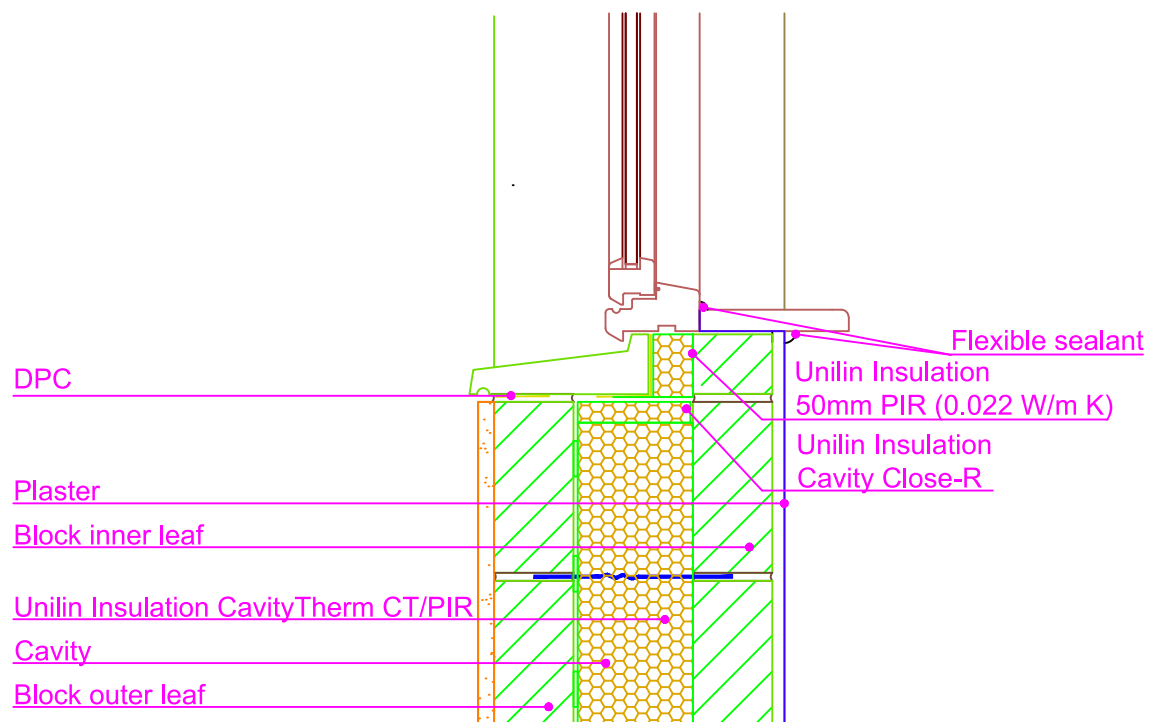
THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

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

INSTALL PROPRIETARY CAVITY
CLOSER WITH MINIMUM
THERMAL RESISTANCE
THROUGH THE CLOSER OF
NOT LESS THAN 2.90 m²K/W ☐

ENSURE MINIMUM 50mm
THIN-R (0.022 W/m K)
INSULATION INSTALLED
BEHIND SILL ☐



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 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 LINE

☐ IF FORMING THE WALL AIR
BARRIER WITH BLOCKWORK
INNER LEAF OR WITH
SCRATCH COAT ON
BLOCKWORK, INSTALL A
FLEXIBLE SEALANT BETWEEN
THE CAVITY CLOSER AND THE
BLOCKWORK WALL

☐ SEE ACD 1.26 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)	0.022	0.020	0.019
Temperature Factor (<i>f</i>)	0.94	0.93	0.93
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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