

(1) WALLS:- INSULATION IN CAVITY

Ope - Concrete forward sill
(Dense blockwork)

UI - CTPIR - 1.26 - Rev 1 - Sill

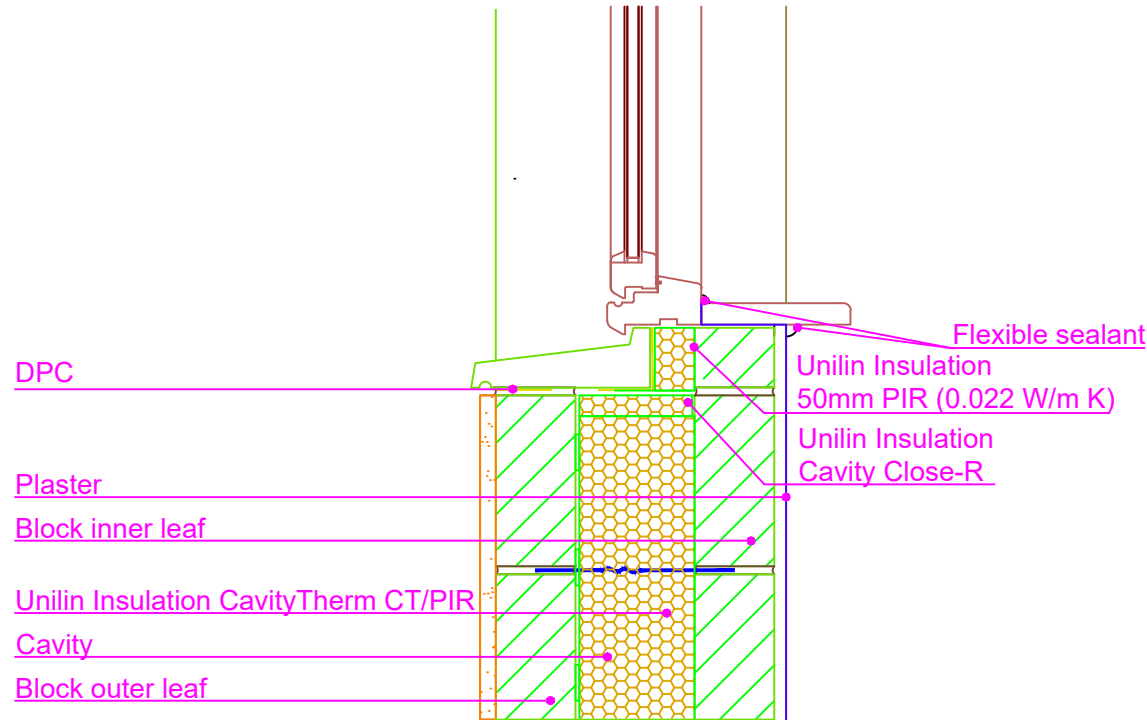
THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

ENSURE CAVITY THERM 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 spots 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

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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