

(1) WALLS:- INSULATION IN CAVITY

Opn - Jamb with closer block
(Dense blockwork)

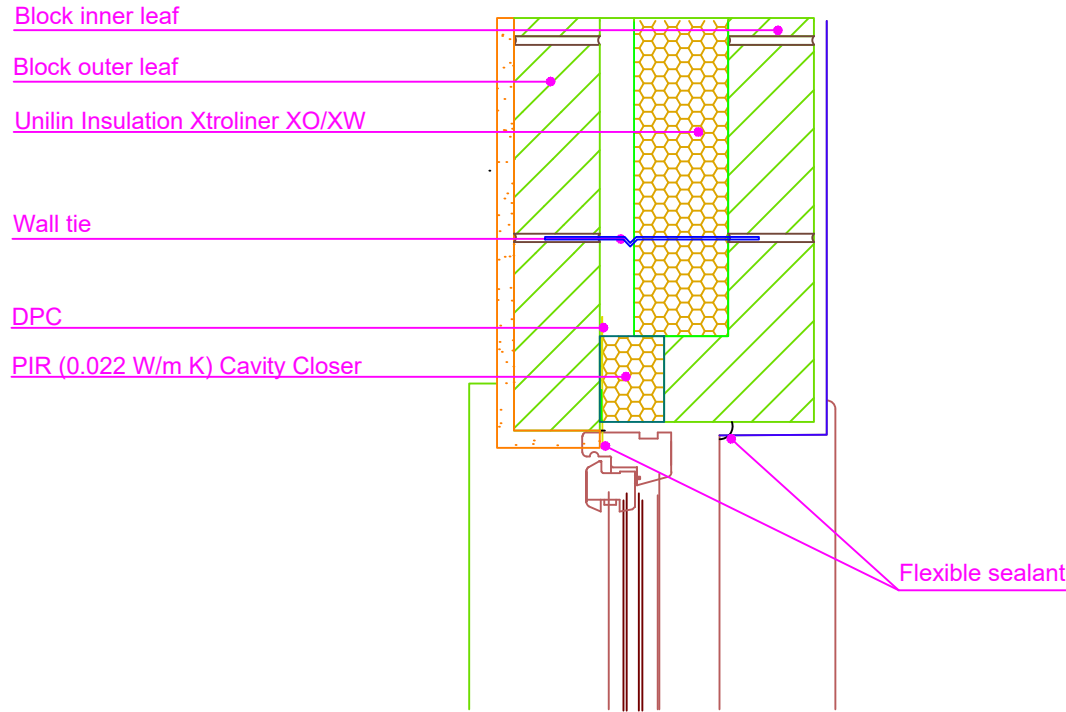
UI - XW - 1.24 - Rev 1 - Jamb

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

ENSURE XTROWALL XO/XW IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL

ENSURE PIR INSULATION (0.022 Wm K) WITH A MINIMUM THERMAL RESISTANCE OF 2.5 m² K/W IS INSTALLED TO CLOSE THE CAVITY



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

XtroWall XO/XW	90mm	100mm
Psi Value ψ (W/mK)	0.026	0.021
Temperature Factor (<i>f</i>)	0.96	0.97
U-Value Wall (W/m ² K)	0.18	0.17

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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