

(1) WALLS:- INSULATION IN CAVITY

Ope- Prestressed concrete lintel
(Dense blockwork)

UI - XW - 1.23.2 - Rev 1 - Lintel

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

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

INSTALL PROPRIETARY CAVITY CLOSER WITH A MINIMUM R VALUE OF 4.29 m² K/W - XTRATHERM CAVITY CLOSE-R MEETS OR EXCEEDS THE MINIMUM REQUIREMENT

ENSURE ALL GAPS AROUND AND BETWEEN LINTEL ARE TIGHTLY PACKED WITH INSULATION



Block inner leaf

Block outer leaf

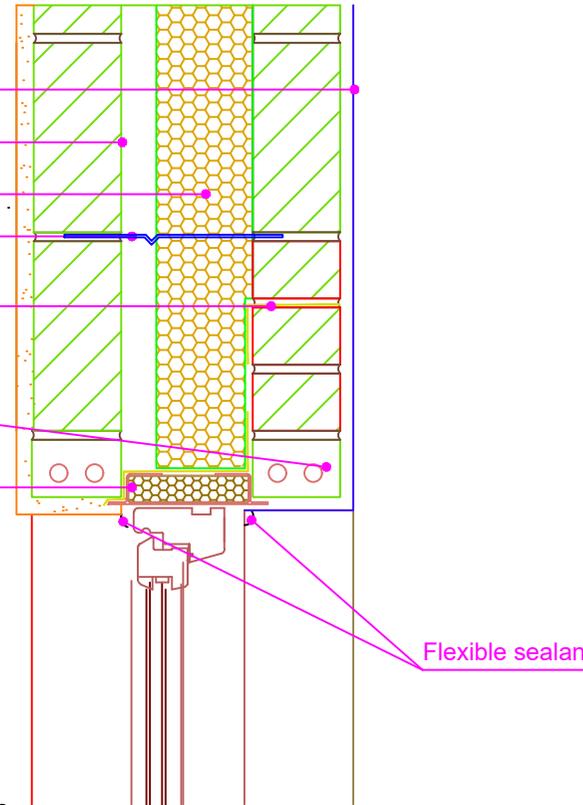
Unilin Insulation Xtroliner XO/XW

Wall tie

DPC

Concrete lintel

Unilin Insulation Cavity Close-R



Flexible sealant

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

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

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

SEE ACD 1.23.2 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)	0.000	0.000
Temperature Factor (<i>f</i>)	0.98	0.98
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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