(1) WALLS:- INSULATION IN CAVITY

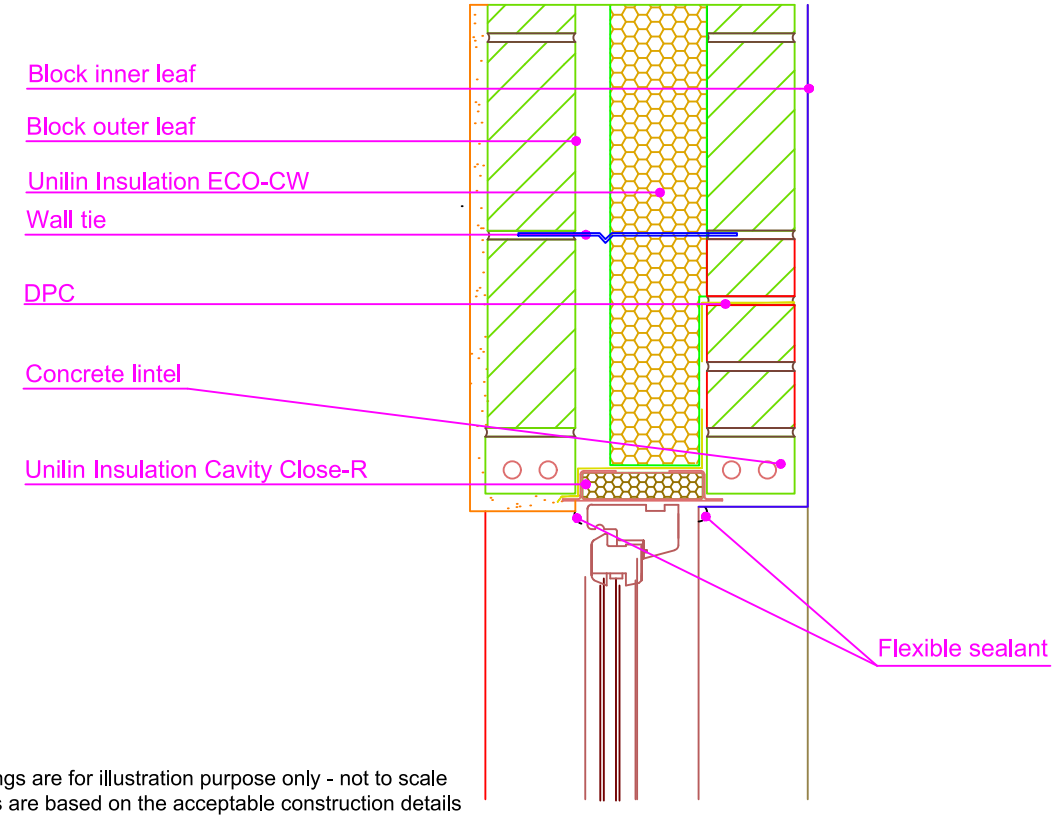
Ope- Prestressed concrete lintel
(Dense blockwork)

UI - ECO-CW - 1.23.2 - Rev 1 - Lintel

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

- ☐ ENSURE ECO-CW IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL
- ☐ INSTALL PROPRIETARY CAVITY CLOSER WITH A MINIMUM R VALUE OF 4.29 m^2 K/W - XTRATHERM CAVITY CLOSE-R MEETS OR EXCEEDS THE MINIMUM REQUIREMENT
- ☐ ENSURE ALL GAPS AROUND AND BETWEEN LINTEL ARE TIGHTLY PACKED WITH INSULATION



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

ECO-CW mm	100mm	110mm
Psi Value ψ (W/mK)	**0.005**	**0.005**
Temperature Factor (f)	0.96	0.95
U-Value Wall (W/m²K)	0.16	0.15

NSAI

CERT No: IAB/TM/01
Thermal Modelers Scheme

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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