(1) WALLS:- INSULATION IN CAVITY

Ope - Perforated steel lintel
(Dense blockwork)

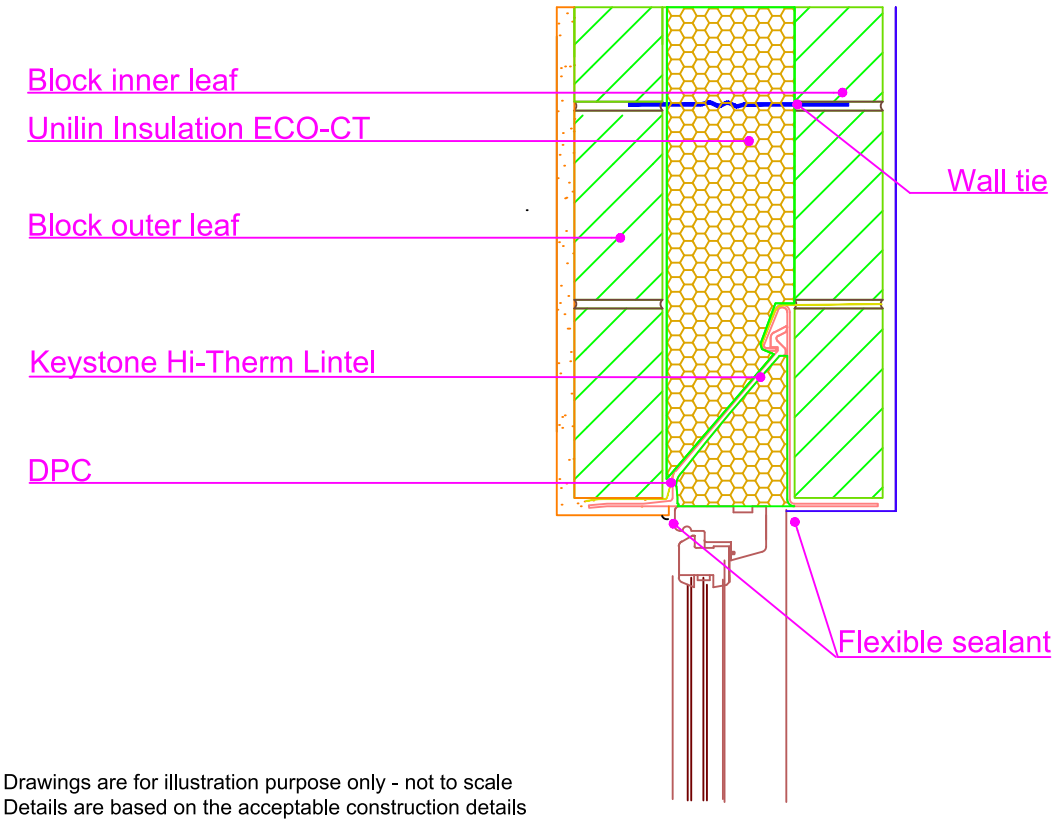
UI - ECO-CT - 1.22 - Rev 1 - Lintel

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

ENSURE ECO-CT IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL ☐

KEYSTONE HI-THERM INSULATED LINTEL TO BE USED ☐



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

☐ SEE ACD 1.22 FOR AIR BARRIER OPTIONS

Copyright © 2026, Unilin Insulation,
All rights reserved

GENERAL NOTES

Keep cavities clean of mortar snots and other debris during construction

ECO-CT mm	110	125	150
Psi Value ψ (W/mK)	**0.033**	**0.039**	**0.047**
Temperature Factor (f)	0.97	0.95	0.95
U-Value Wall (W/m²K)	0.17	0.15	0.13

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

Email: tech.ui@unilin.com
Phone No: 046 9066050