(1) WALLS:- INSULATION IN CAVITY

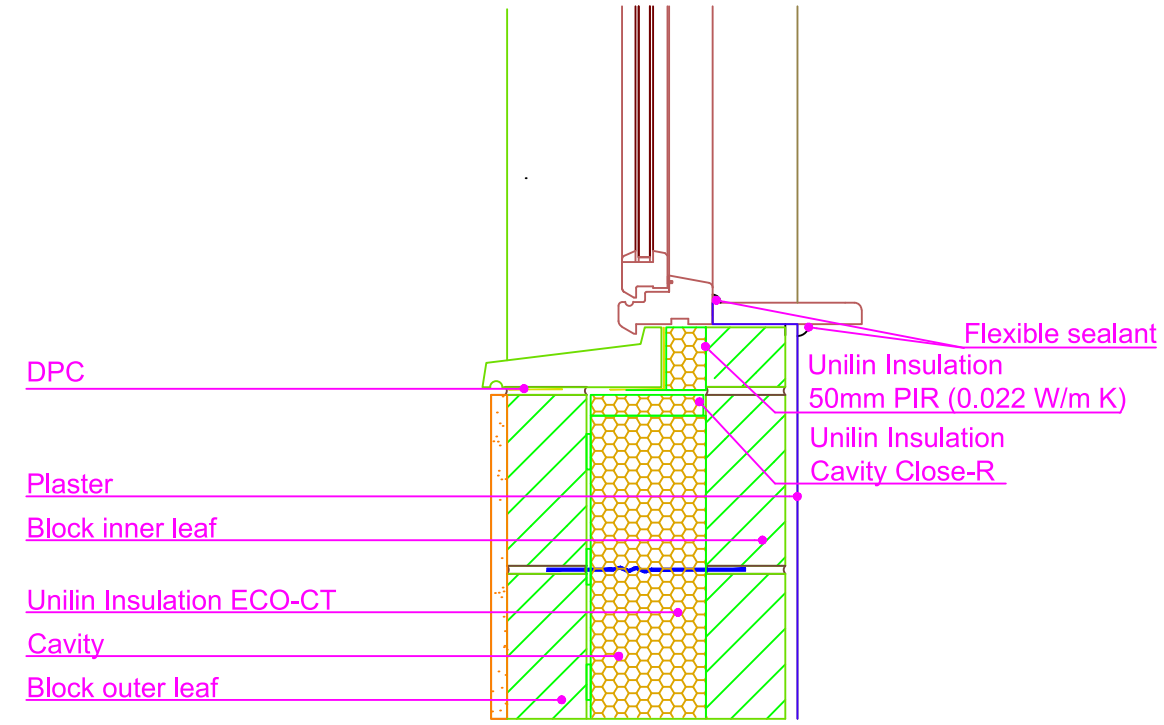
Ope - Concrete forward sill
(Dense blockwork)

UI - ECO-CT - 1.26 - Rev 1 - Sill

## THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

- ☐ ENSURE ECO-CT 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 BLOCKSWORK, 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 snots and other debris during construction

| ECO-CT mm | 110 | 125 | 150 |
|---|---|---|---|
| **Psi Value ψ (W/mK)** | **0.023** | **0.021** | **0.019** |
| Temperature Factor ($f$) | 0.94 | 0.93 | 0.93 |
| U-Value Wall (W/m²K) | 0.17 | 0.15 | 0.13 |

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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