

(1) WALLS:- INSULATION IN CAVITY

Open - Jamb with proprietary cavity closer  
(Dense blockwork)

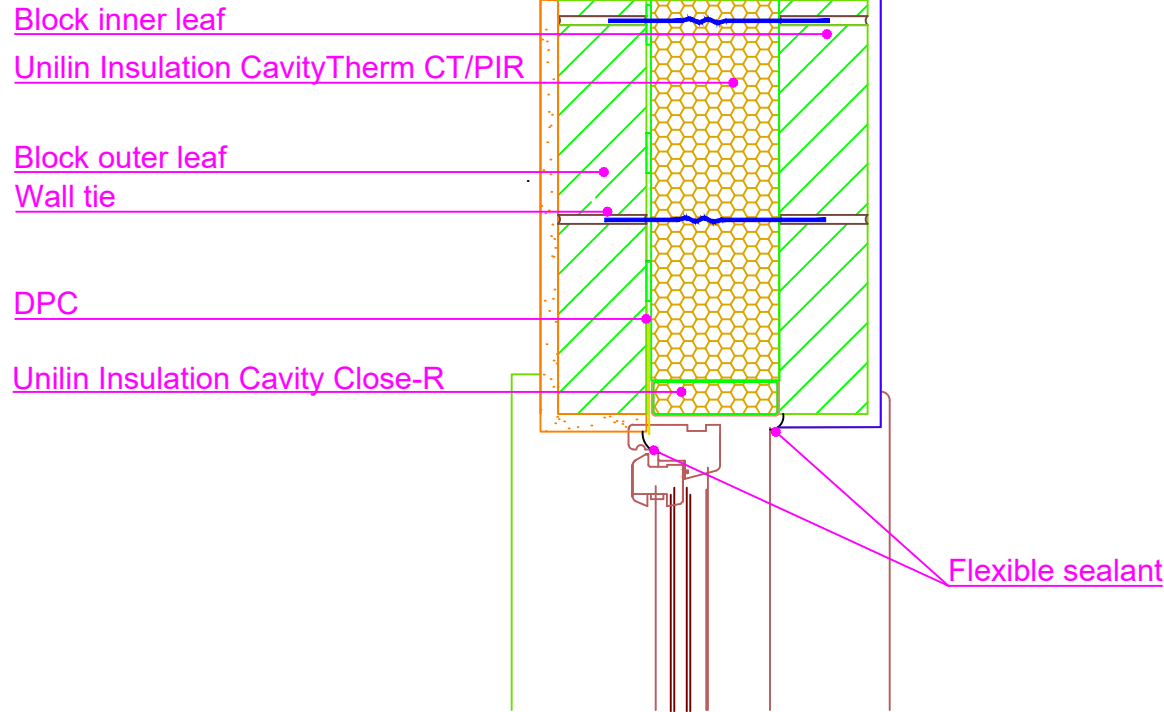
UI - CTPIR - 1.25 - Rev 1 - Jamb

THERMAL PERFORMANCE

CHECKLIST  
(TICK ALL)

ENSURE CAVITY THERM CT/PIR IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL

INSTALL PROPRIETARY CAVITY CLOSER WITH A MINIMUM R VALUE OF 4.30 m<sup>2</sup> KW - UNILIN INSULATION CAVITY CLOSE-R MEETS OR EXCEEDS THE MINIMUM REQUIREMENT



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
- 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 1.25 FOR AIR BARRIER OPTIONS

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GENERAL NOTES

Keep cavities clean of mortar spots and other debris during construction

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CERT No: IAB/TM/01  
Thermal Modelers Scheme

CavityTherm CT/PIR mm	110	125	150
<b>Psi Value <math>\psi</math> (W/mK)</b>	<b>0.003</b>	<b>0.004</b>	<b>0.005</b>
Temperature Factor ( <i>f</i> )	0.97	0.96	0.95
U-Value Wall (W/m <sup>2</sup> K)	0.18	0.16	0.13

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*