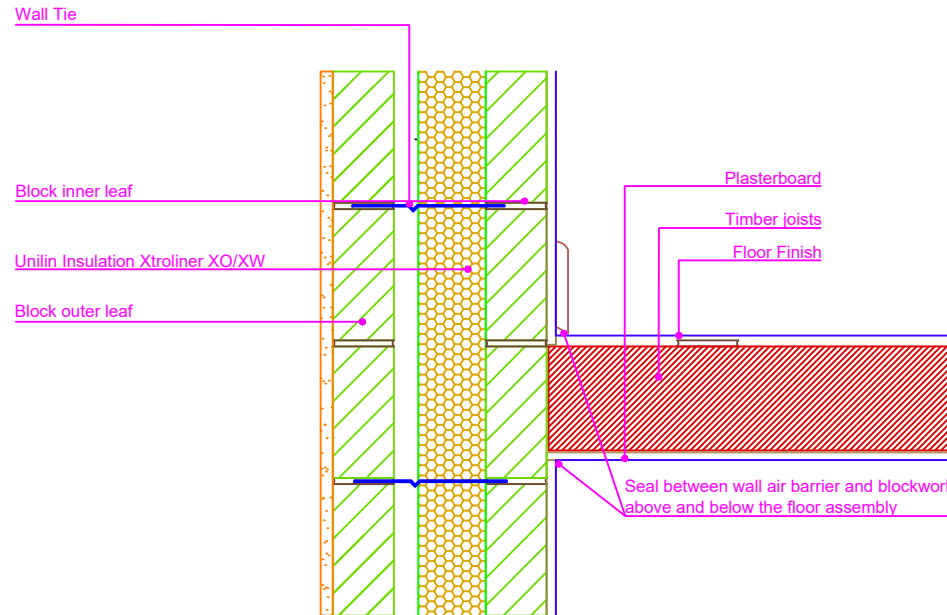


THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

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

CONTINUE XTROWALL XO/XW ACROSS FLOOR ABUTMENT ZONE



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

GENERAL NOTES

Keep cavities clean of mortar snots and other debris during construction
Suspended timber floors may be laid in joist hangers rather than built in
Where wall supports joists, thermal performance and airtightness of junction can be improved significantly by using joist hangers with shoes standing off the wall face.
For timber engineered joists, proprietary filler pieces must be fitted on both sides of the web between top and bottom flanges (See manufacturer's details).

See TGD-B for guidance on fire safety.and TGD E for guidance on sound insulation

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AIR BARRIER - CONTINUITY

CHECKLIST
(TICK ALL)

MORTAR JOINTS AROUND BUILT IN JOISTS SHOULD BE RECESSED OR STRUCK AND CAREFULLY POINTED WITH FLEXIBLE SEALANT.

ALTERNATIVELY JOISTS MAY BE FITTED WITH PROPRIETARY SHOES AS THEY ARE INSTALLED. SEAL SHOE TO BLOCKWORK FACE WITH FLEXIBLE SEALANT

SEAL BETWEEN WALL AIR BARRIER AND BLOCKWORK, ABOVE AND BELOW THE FLOOR ASSEMBLY

SEAL ALL PENETRATIONS THROUGH AIR BARRIER USING A FLEXIBLE SEALANT

SEE ACD 1.05 FOR AIR BARRIER OPTIONS

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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>)	0.97	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