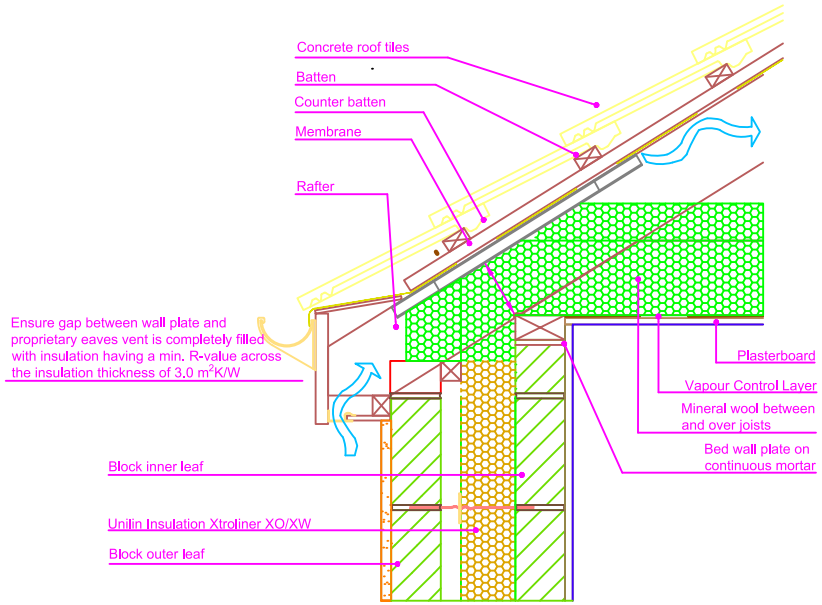
(1) WALLS:- INSULATION IN CAVITY | Eaves - Ventilated/UnVentilated | UI - XW - 1.09-1.10 - Rev 3 - Eaves

THERMAL PERFORMANCE

CHECKLIST
(TICK ALL)

- ☐ ENSURE CONTINUITY OF INSULATION THROUGHOUT JUNCTION
- ☐ ENSURE FULL DEPTH OF MINERAL WOOL BETWEEN AND OVER JOISTS ABUTS MINERAL WOOL EAVES INSULATION
- ☐ ENSURE XTROWALL XO/XW IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL.
- ☐ ENSURE GAP BETWEEN THE WALL PLATE AND THE PROPRIETARY EAVES VENT IS COMPLETELY FILLED WITH INSULATION HAVING A MINIMUM R-VALUE ACROSS THE INSULATION OF 3.00 m^2 K/W

UNILIN



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)

- ☐ BED WALL PLATE ON CONTINOUS MORTAR
- ☐ FIX CEILING FIRST, AND SEAL ALL GAPS BETWEEN CEILING AND MASONRY WALL WITH EITHER PLASTER, ADHESIVE OR FLEXIBLE SEALANT
- ☐ SEAL ALL PENETRATIONS THROUGH AIR BARRIER USING A FLEXIBLE SEALANT

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GENERAL NOTES

Keep cavities clean of mortar snots and other debris during construction
Use of Mineral Wool between and over joists is considered best practice, as it eliminates the cold bridge caused by the joist.
Use a proprietary eaves ventilator to ensure ventilation in accordance with BS5250.
Installation of the eaves ventilator must not prevent free water drainage below the tiling battens

NSAI
CERT No: IAB/TM/01
Thermal Modelers Scheme

XtroWall XO/XW	90mm	100mm
Psi Value ψ (W/mK)	**0.058**	**0.059**
Temperature Factor (f)	0.94	0.93
U-Value Wall (W/m²K)	0.18	0.17
U-Value Ceiling (W/m²K)	0.11 - 0.16	

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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