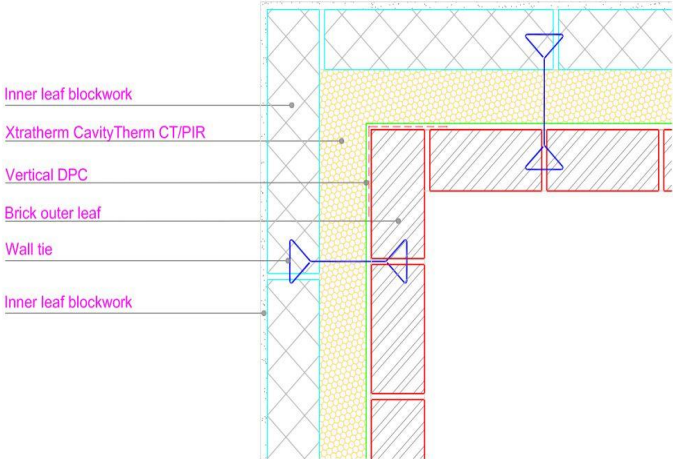
	Linear Thermal Transmittance (ψ-value) PSI Value Temperature Factor (f-value)	Technical Services from Xtratherm
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Certificate No: CBA-XT-017	Issued : August 2014
Issued by Concrete Block Association	

Inverted Corner Table K.1 Ref E17 Approved ψ -value = -0.09 W/mK	Inner leaf	100 mm blockwork
	Cavity	CavityTherm by Xtratherm, see table for options
	Outer leaf	102 mm Brick = 0.77

<p>Key Points</p> <ol style="list-style-type: none"> 1. Ensure continuity of insulation at the corner 2. Install vertical DPC as per BBA certificate 	
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Calculations have been performed in accordance with:
 BS EN ISO 10211:2007, BR497 and BS EN ISO 13370:2007

Calculation prepared by : Xtratherm UK Limited

**Calculated ψ -values and f-values for Inverted corner detail, and
cavity insulation as highlighted**

	Inner leaf blockwork					
	Ultra lightweight		Lightweight		Dense	
Cavity Insulation ↓	ψ -value W/mk	f-value	ψ -value W/mk	f-value	ψ -value W/mk	f-value
100mm CT-PIR	-0.072	0.977	-0.074	0.976	-0.076	0.976
125mm CT-PIR	-0.065	0.981	-0.066	0.980	-0.068	0.980
150mm CT-PIR	-0.059	0.984	-0.061	0.983	-0.062	0.983

The f-value should be above 0.75 to minimise the risk of mould in dwellings.

On-site Checklist

- Insulation at the corner continuous
- Vertical DPC as per BBA certificate

Site manager/supervisor.....

Site name.....

Plot number.....

Date.....