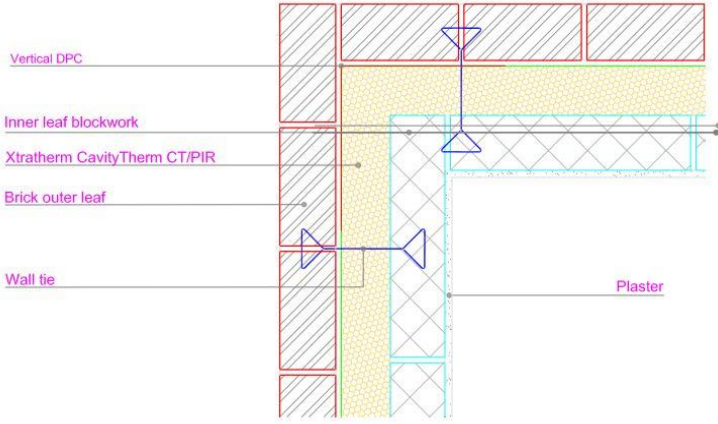
	Linear Thermal Transmittance (ψ-value) PSI Value Temperature Factor (f-value)	Technical Services from Xtratherm
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Certificate No: CBA-XT-CT-016	Issued : August 2014
Issued by Concrete Block Association	

Normal Corner Table K.1 Ref E16 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"> Ensure continuity of insulation at the corner 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 normal 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	0.044	0.924	0.048	0.928	0.052	0.937
125mm CT-PIR	0.040	0.936	0.042	0.939	0.045	0.948
150mm CT-PIR	0.036	0.947	0.038	0.947	0.041	0.955

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.....