

Certificate No: CBA-216

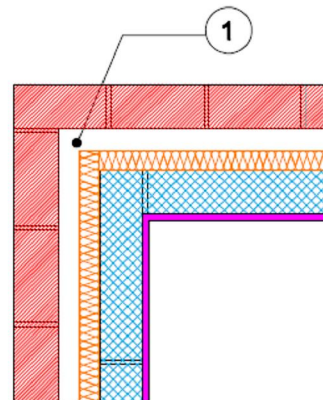
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<b>Normal corner</b>  Table K.1 Ref E16 Approved $\psi$ -value = 0.09 W/mK	Inner leaf	100 mm Blockwork
	Cavity	Partial Fill Insulation, see table for options
	Outer leaf	102 mm Brick = 0.77

**Key Points**

- 1 Ensure continuity of insulation at the corner.



Calculations have been performed in accordance with:  
BS EN ISO 10211:2007, BR497 and BS EN ISO 13370:2007

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Calculated  $\psi$ -values and f-values for normal corner detail, and **cavity insulation** as highlighted

	Inner leaf blockwork					
	Ultra lightweight		Lightweight		Dense	
<b>Cavity Insulation</b> ↓	$\psi$ -value W/mK	f-value	$\psi$ -value W/mK	f-value	$\psi$ -value W/mK	f-value
50mm =0.022	<b>0.055</b>	0.906	<b>0.064</b>	0.910	<b>0.069</b>	0.918
100mm =0.022	<b>0.041</b>	0.937	<b>0.046</b>	0.943	<b>0.048</b>	0.949

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

### On-site Checklist

- Continuity of insulation at the corner

**Site manager/supervisor**.....

**Site name**.....

**Plot number**.....

**Date**.....