

Certificate No: CBA-308

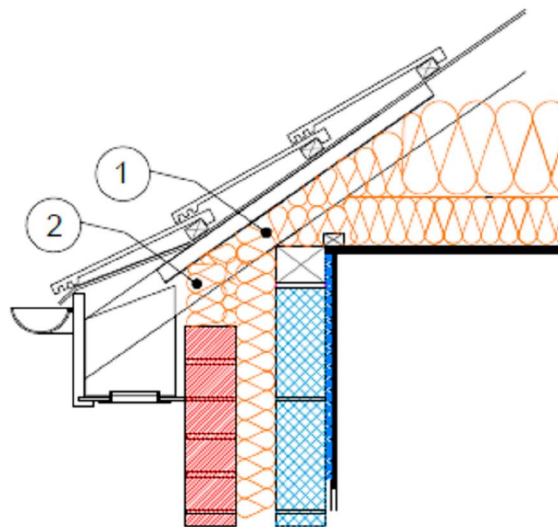
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Issued by Concrete Block Association

Pitched roof eaves - ventilated loft Table K.1 Ref E10 Approved ψ -value = 0.06 W/mK	Inner leaf	100 mm Blockwork
	Cavity	Full Fill insulation, see table for options
	Outer leaf	102 mm Brick = 0.77
	Roof	400mm of insulation = 0.044

Key Points

- 1 Ensure continuity of insulation between the loft and the external wall.
- 2 Fully fill the void with insulation.



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

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Calculated ψ -values and f-values for external wall / eaves junction,
insulated at ceiling level, 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 =0.037	0.101	0.906	0.106	0.908	0.110	0.913
100mm =0.032	0.107	0.906	0.113	0.909	0.118	0.914
150mm =0.037	0.111	0.910	0.117	0.913	0.121	0.919
150mm =0.032	0.115	0.910	0.122	0.914	0.127	0.920

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

On-site Checklist

- Continuity of insulation between the loft and the external wall
- Fully fill the void with insulation

Site manager/supervisor.....

Site name.....

Plot number.....

Date.....