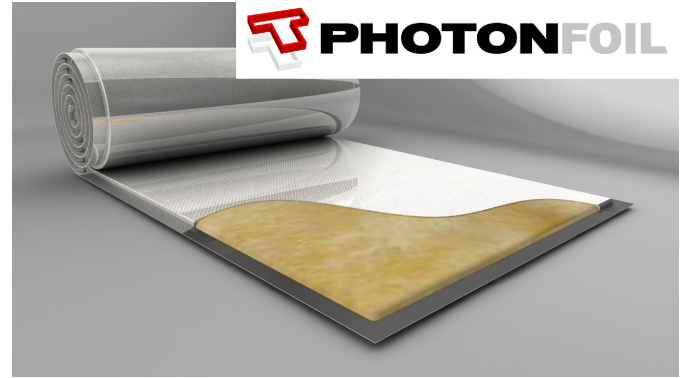


Thin, reflective insulation for roofs and walls



**A 33mm air-open reflective insulating breather membrane** made with high density glasswool encapsulated between a perforated reflective lower layer and Klover Permo® air. PhotonAir is water tight and upgrades thermal insulation without the risk of condensation.



**A 33mm reflective composite insulation** and everyday option for loft conversions, extensions and re-roofing projects. Constructed as an excellent vapour and air leakage barrier PhotonFoil has a high density glasswool core, encased in very low emissivity outer layers.

## PhotonAir Technical Data

Water vapour resistance	0.22 MN.s/g*
Resistance to water	W1
Core conductivity ( $\lambda_{90/90}$ )	0.034 W/m.K
Emissivity	0.05
Core R value	0.97 M <sup>2</sup> .K/W
Core R value with 1 airspace	1.76 M <sup>2</sup> .K/W
Wind uplift: Batten gauge $\leq$ 345mm zones 1-5	
33mm thick, 1.2m x 10m roll	
*BS5250 defines a Low Resistance Underlay as not exceeding 0.25 MN.s/g	

**MADE IN  
BRITAIN** 



## PhotonFoil Technical Data

Core conductivity ( $\lambda_{90/90}$ )	0.034 W/m.K
Emissivity	0.05
Core R value	0.97 M <sup>2</sup> .K/W
Core R value with 2 air space	2.35 M <sup>2</sup> .K/W
Water vapour resistivity	>6000 MN.s/g.m
Air leakage@100Pa	Practically zero
33mm thick, 1.2m x 10m roll	

Thermic Technology Ltd,  
Unit 16, Moorland Gate Business Park,  
Cowling Road, Chorley, PR6 9FE.  
T: 01257 241084, F: 0161 8831340  
[info@thermictechnology.co.uk](mailto:info@thermictechnology.co.uk)  
[www.thermictechnology.co.uk](http://www.thermictechnology.co.uk)