

Cost Effective 2 in 1 reflective multi-foil insulation and vapour control layer for roofs, walls and floors.

ThermaQuilt Lite is a thermally efficient cost effective, 2 in 1 insulating multi-foil and vapour control. It works by reflecting radiant heat back into the living space retaining warmth, saving money and providing a warmer environment.

Made up of 6 high quality flexible layers and only 20mm thick, ThermaQuilt Lite offers a cost effective solution when compared to other insulation products available on the market. The reflective outer layers of the product increase the overall thermal performance once installed. ThermaQuilt Lite can be used for almost any DIY application including roofs, walls, floors, motor homes, boats, cellars, the opportunities are massive.



Thermally Efficient

Total R-Value up to
1.85 m²K/W, equivalent
to 75mm of Mineral Wool



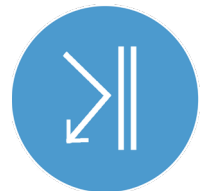
Sustainable

Sustainable solution,
containing recycled
plastic material



Cost Effective

Thin, flexible and easy
to install, saving you
time and money



Radiant Barrier

Keeps you warmer in
the winter and cooler
in the summer

- Dual purpose, 2-in-1 insulating and vapour control membrane.
- High thermal resistance of up to $1.833\text{m}^2\text{K/W}$, equivalent to 75mm mineral wool.
- Retains heat, saving energy and money
- Effective radiant barrier - warmer in the winter and cooler in the summer.
- Lightweight, flexible and easy to install.
- Unique kimble design that holds layers in place to avoid separation when cutting.
- Our thinnest multi-foil membrane.
- Zero fibres removes the need for PPE.
- Unique overlapping method totally removes the risk of thermal bridging.
- Manufactured in Britain.

Installation

1. Measure the application and calculate the required amount of insulation needed to complete your project.



2. Cut the insulation to the required length, using a suitable pair of scissors or craft knife.



3. Staple the insulation at minimum 300mm intervals, maintaining a 50mm overlap between layers.



4. Tape and seal the perimeter and overlaps using YBS Aluminium Foil Tape, creating an airtight vapour control barrier.



Technical Properties

Thermal Attribute	Value	Reference Standard
Core R-Value	$0.53\text{m}^2\text{K/W}$	BS EN 16012
Roof R-Value (Core + 2 x 25mm Cavities)	$1.43\text{m}^2\text{K/W}$	BS EN 6946
Wall R-Value (Core + 2 x 38mm Cavities)	$1.85\text{m}^2\text{K/W}$	BS EN 6946
Floor R-Value (Core + 1 x 150mm Cavity)	$2.90\text{m}^2\text{K/W}$	BS EN 6946
Emission coefficients of surfaces	0.05	BS EN 16012
Attribute	Value	Reference Standard
Flammability	Class F	BS EN 13501-1
Water vapour resistance	1569MNs/g	BS EN 12572

Attribute	Value	Reference Standard
Layers	6	-
Thickness	20mm approx.	-
Weight	280g/m^2	-
Dimensions	Value	Reference Standard
Width	1.5m	-
Length	8m	-
Area (m^2)	12m^2	-
Weight	6.8Kg	-



For detailed technical information please visit our website www.ybsinsulation.com
Or contact a member of the technical team on **01909 726 025** or technical@ybsinsulation.com

