

Airtec

2 in 1 Reflective bubble insulation and vapour control layer for roofs, walls and floors.



Airtec is a CE Marked, thin, flexible, easy to install reflective aluminium foil bubble insulation membrane, suitable for almost any application including roofs, walls, floors, motor homes, boats and cellars, the opportunities are massive.

Available in 3 variations Airtec Single, Airtec Double and Airtec Double Bubble offer a cost-effective solution, helping to reduce energy usage and save you money. The core bubble profile of the product offers thermal benefits, this is achieved by trapping air within its bubble structure while creating low emissivity air spaces from its foil faced outer layers, enhancing its overall thermal capabilities.



Thermally Efficient

Total R-Value up to
1.52 m²K/W, equivalent
to 70mm of Mineral Wool



Quick & Easy

Thin, flexible and easy to
install saving time
and money on project
completion time



Cost Effective

Up to 66% heat loss
reduction, saving money
on your energy bills



Certified

CE Marked and
Building Control
Compliant

YBS Insulation

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- R-Value up to 1.52 m²K/W, equivalent to 70mm of Mineral Wool Insulation.
- Built in airtight vapour control layer to prevent the passage of moisture, reducing the risk of condensation.
- Reduces energy usage, saving you money.
- Effective radiant barrier - warmer in the winter and cooler in the summer.
- Available in 3 variations.
- Up to 68% reduction in heat loss, saving you money on your energy bills.
- Suitable for Roofs, Wall, Floors and many more applications.
- Zero fibres removes the need for PPE.
- CE marked to industry standards.
- 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	Single	Double	Double Bubble
Core R-Value	0.125m ² K/W	0.140m ² K/W	0.200m ² K/W
Roof R-Value (Core + 2 x 25mm Cavities)	0.575m ² K/W*	1.04m ² K/W	1.1m ² K/W
Wall R-Value (Core + 2 x 25mm Cavities)	0.785m ² K/W*	1.46m ² K/W	1.52m ² K/W
Emission coefficients of surfaces	0.05	0.05	0.05
Attribute	Single	Double	Double Bubble
Flammability	Class F	Class F	Class F
Water vapour resistance	>600MNs/g	>600MNs/g	>600MNs/g

* 1 x 25mm Cavity

Attribute	Single	Double	Double Bubble
Layers	3	3	5
Thickness	3.5mm	3.5mm	7mm
Weight	140g/m ²	140g/m ²	307g/m ²
Dimension	Roll Sizes (other sizes available)		
Width	1.2m	1.5m	1.5m
Length	25m	25m	25m
Area (m ²)	30m ²	37.5m ²	37.5m ²



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

