

Bailey Vapour Barriers

Data sheet

A CHOICE OF BAILEY VAPOUR BARRIERS TO MEET DEMANDS OF SUSTAINABILITY, SAFETY, LOW COST AND SPEED OF INSTALLATION.

Bailey Self-Adhesive Vapour Barrier

An elastomeric SBS bitumen-based vapour barrier with an untearable reinforcement. It is self-adhesive on both sides with easily removable film, ensuring a rapid and safe installation

- Self-adhesive and double sided - ensures perfect bond to substrate and insulation
- Rapid installation
- Safe installation - no torch required
- Flexible membrane - absorbs substrate movement
- Extremely robust membrane, ideal for use over metal channel decking - resists foot penetration
- Suitable for single ply and bituminous systems mechanically fixed or adhered



Bailey Laminar Vapour Barrier

An SBS modified, bituminous vapour barrier with an aluminium core. Laminar can be torched both sides, to bond to the substrate and bed insulation boards. Alternatively it can be mechanically fixed, the laps sealed with a hot air gun and the insulation glued to the sanded top surface.

- SBS elastomeric modified bitumen
- Aluminium core
- Torch-on or hot air application
- Double sided - can be torched both sides
- Sanded top surface - allows insulation to be bonded with glue
- Versatile product
- Suitable for high performance felt or single ply systems, loose laid, adhered or mechanically fixed

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Bailey 1000 Gauge Polythene Vapour Barrier

A fully sustainable product, manufactured from 100% post-use polyethylene waste. 1000 Gauge Polythene has a high puncture resistance, providing a cost-effective vapour barrier solution.

- Made from 100% recycled consumer waste
- High tear resistance - reduced damage during installation
- Loose laid - quick and easy to install
- Lowest cost option for mechanically fixed single ply systems (not suitable for bitumen or adhered systems)



Characteristics	Unit of Measure	Bailey 1000 Gauge Polythene Vapour Barrier	Bailey Laminal Vapour Barrier	Bailey Double Sided Self-Adhesive Vapour Barrier
Thickness	mm	0.25	–	2
Roll Length	m	25	10	15
Roll Width	m	4	1	1
Mass	Kg/m ²	0.24	3	2
Tensile Strength	N/5cm	–	Lengthwise = 180 Crosswise = 160	Lengthwise = 140 Crosswise = 130
Elongation	%	430	Lengthwise = 5 Crosswise = 5	Lengthwise = >250 Crosswise = >250
Static Puncturing	–	–	Classification L1 (<7kg)	Classification L2 (7-15kg)
Dimensional Stability	%	–	Lengthwise = 0.2	Lengthwise = <2.5 Crosswise = <2.5
Heat Resistance	°C	–	90	90
Water Tightness	KPa	–	60	–
Water Vapour Permeability	g/m ² /day	0.36	∞	0.29
Method of Sealing Laps	–	Double Sided Tape	Torch or Hot Air Gun	Self Adhesive with roller*



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*If installed at temperatures below 7°C, product should be warmed with the hot air gun.

Note: Above data are typical average values of our standard production. Tolerances are as provided for by the UEAtc norms. Bailey reserves the right to modify or change any data without prior notice.