

DATA SHEET

SF19BB

MULTIFOIL INSULATION



SF19BB is a high-performance, breathable multifoil insulation for roofs, walls, and floors. It features a certified 'W1' watertight membrane, meets U-value requirements, and is easy to install. Ideal for new builds and retrofits, it contains up to 40% recycled content, enhancing energy efficiency and reducing condensation.

✓ **Thickness:**

Minimal bulk for maximum space efficiency.

✓ **Versatility:**

Suitable for standalone or hybrid installations.

✓ **Dimensions:**

Available in various sizes to fit different needs

✓ **Installation:**

Can be installed in new builds or retrofitted in existing structures.



3 in 1 Design



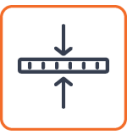
Light



High Performance Air Gap



Breathable



Thickness



Thermal Performance



Flexible



Building Regulations Compliant



Airtight

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN823 2013	40mm
Weight	-	8kg / 10kg
Length	-	10m
Width		1.2m/1.5m
DECLARED THERMAL PERFORMANCE		
Core R-Value	EN 16012:2012+A1:2015 BS EN 12667:2001	1.45m²K/W
Horizontal Heat Flow		2.24m²K/W
Declared Emisivity		0.05 (inner) / 0.19 (outer)
TENSILE STRENGTH		
Longitudinal direction	EN 12311-1 2000	135/13 N/50mm
Transversal direction		85/20 N/50mm
Elongation (Longitudinal)		70/3%
Elongation (Transversal)		60/5%
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN 12310-1 2000	110N
Transversal direction		120N
WATER VAPOUR TRANSMISSION		
Vapour Resistance of external layer	EN ISO 12572 2016	0.115MNs/g
Water Vapour Diffusion Resistance		0.023Sd
WATERTIGHTNESS	EN 1928:1999	W1
AIR PERMEABILITY	NPD	NPD
FLEXIBILITY AT LOW TEMP	EN 11092013	-40°C
REACTION TO FIRE	EN 13501-1 2018	Class F

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