

DATA SHEET

SF6

MULTIFOIL
INSULATION

SuperFOIL SF6 is a compact, high-efficiency multifoil insulation for roofs, walls, and floors. Its thin profile ensures sustainability while meeting U-value requirements and building regulations. SF6 is versatile, making it ideal for both new builds and retrofits.

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



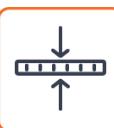
Light



High Performance Air Gap



Vapour Barrier



Thickness



Thermal Performance



Airtight



Building Regulations Compliant



Flexible

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN823:2013	30mm
Weight	-	5.5KG
Length	-	10m
Width	-	1.2
DECLARED THERMAL PERFORMANCE		
Horizontal Heat Flow	EN 16012:2012+A1	2.42
Core R-Value	ISO 8301:1991	0.99m ² K/W
Declared Emissivity	BS EN 12667:2001	0.05
TENSILE STRENGTH		
Longitudinal direction	EN 12311-1 2000	480 N/50mm
Transversal direction		415 N/50mm
Elongation (Longitudinal)		4%
Elongation (Transversal)		3%
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN 12310-1 2000	428N
Transversal direction		453N
WATER VAPOUR TRANSMISSION		
Vapour Resistance of external layer	EN ISO 12572:2016+A1 2024	1200MNs/g
Water Vapour Diffusion Resistance		240Sd
WATERTIGHTNESS		
	EN 1928:2000	W1
FLEXIBILITY AT LOW TEMP		
	EN 1109 2013	-40°C
REACTION TO FIRE		
	EN 13501-1 2018	Class F

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