

SF40

MULTIFOIL
INSULATION

SuperFOIL SF40 is a high-performance multifoil insulation designed to meet and exceed building regulations and U-value requirements. With its advanced multi-layer construction, SF40 offers superior thermal performance in a thin, space-saving profile, making it ideal for use in roofs, walls, and floors.

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



Flexible



Building Regulations Compliant



Airtight

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN823:2013	65mm
Weight	-	15kg
Length	-	10m
Width	-	1.5m
DECLARED THERMAL PERFORMANCE		
Horizontal Heat Flow	NEN EN 16012 : 2012 + A1:2015	3.97 m ² K/W
Core R-Value	BS EN 12667:2001	2.66 m ² K/W
Declared Emissivity		0.05
TENSILE STRENGTH		
Longitudinal direction	EN 12311-1:2000	698/509 N/50mm
Transversal direction		595/432 N/50mm
Elongation (Longitudinal)		22/24%
Elongation (Transversal)		19/26%
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN 12310-1:2000	685N
Transversal direction		585N
WATER VAPOUR TRANSMISSION		
Vapour Resistance of external layer	EN 1931:2001	2462 MNs/g
Water Vapour Diffusion Resistance		Pass
WATERTIGHTNESS	EN 1928:2000	W1
AIR PERMEABILITY	NPD	NPD
FLEXIBILITY AT LOW TEMP	EN 1109:2013	-40°C
REACTION TO FIRE	EN 13501-1:2018	Class E



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