

## DATA SHEET

## SF60

MULTIFOIL  
INSULATION

SF60 is the world's highest-performing multifoil insulation, designed to meet U-value requirements and modern building regulations. Its certified 3-in-1 design offers superior thermal performance, vapour control, and a radiant barrier. Ideal for roofs, walls, and floors, SF60 is easy to install, lightweight, and made with up to 40% recycled content.

**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



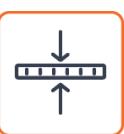
Light



High Performance Air Gap



Vapour Barrier



Thickness



Thermal Performance



Flexible



Building Regulations Compliant



Airtight

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	-	100mm
Weight	-	18KG
Length	-	8m
Width	-	1.5m
<b>DECLARED THERMAL PERFORMANCE</b>		
Horizontal Heat Flow	EN 16012:2012+A1:2015	5.06
Core R-Value	ISO 8301:1991	3.65
Declared Emissivity	BS EN 12667:2001	0.05
<b>TENSILE STRENGTH</b>		
Longitudinal direction	EN 12311-1:2000	698/509N/50mm
Transversal direction		595/432 N/50mm
Elongation (Longitudinal)		22 / 24%
Elongation (Transversal)		19 / 26%
<b>RESISTANCE TO TEARING, NAIL SHANK</b>		
Longitudinal direction	EN 12310-1:2000	685N
Transversal direction		585 N
<b>WATER VAPOUR TRANSMISSION</b>		
Vapour Resistance of external layer	EN 1931:2001	2462 MNs/g
Water Vapour Diffusion Resistance		492.8 Sd
<b>WATERPROOFNESS</b>	EN 1928:2000	W1
<b>AIR PERMEABILITY</b>	NPD	NPD
<b>FLEXIBILITY AT LOW TEMP</b>	EN 1109:2013	-40°C
<b>REACTION TO FIRE</b>	EN 13501-1:2018	Class E



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