

DATA SHEET

SFNC

MULTIFOIL INSULATION



Choosing non-combustible insulation for your building offers many advantages without compromising energy efficiency. With a British Standard (BS 476) A1 rating (Euroclass), SFNC is a non-combustible product that won't ignite or burn, eliminating the risk of fire spread.

✓ **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



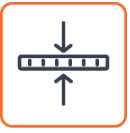
Light



High Performance Air Gap



Vapour Barrier



Thickness



Thermal Performance



Non-combustible



Building Regulations Compliant



Airtight

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN823	20mm
Weight		30kg
Length	EN1898-2	9.5m
Width		1.2m
DECLARED THERMAL PERFORMANCE		
Horizontal Heat Flow	NEN EN 16012 : 2012 BS EN 12667:2001	1.95m²K/W
Core R-Value		0.69
Declared Emissivity		0.05
TENSILE STRENGTH		
Longitudinal direction	EN 12311-1	480N/50mm
Transversal direction		415N/50mm
Elongation (Longitudinal)		4%
Elongation (Transversal)		3%
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN 12310-1	428N
Transversal direction		453N
WATER VAPOUR TRANSMISSION		
Vapour Resistance of external layer	EN 1931	1200MNs/g
Water Vapour Diffusion Resistance		240Sd
WATERTIGHTNESS	EN 1928:2000	W1
AIR PERMEABILITY	NPD	NPD
FLEXIBILITY AT LOW TEMP	EN 1109	-40°C
DIMENSIONAL STABILITY	NPD	NPD
REACTION TO FIRE	EN 13501-1	Class A1
FIRE Propagation	BS476-6	Class 0
Spread of flame	BS476-7	Class 1

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