

SF19+ → Exceptional value multi-layer foil insulation

SuperFOIL Insulation

Thermal Insulation for use In
Roofs and Walls



SF19+
SuperFOIL



Quality System Manufactured to:
ISO 9001:2008

Meets the Requirements of Building Regulations Part L & BR443.
In accordance with EN16012; SuperFOIL is tested to BS EN 12667, ISO8301 by
British Board of Agrément, UKAS accredited laboratory



**Local Authority
Building Control
Registered**

**U-value Solutions
as low as 0.1**

**Ideal for new build
or retrofit**

Roof

R 2.49

Wall

R 2.97

Floor

R 4.61

Key Features



- Tested 'R' Value 2.97
- Air seal & radiant barrier
- Building Regs Compliant

Find out more →

Technical



- Coverage 15m²
- Thickness 45mm
- Layers 11

Find out more →

Installation



- Horizontal or vertical fitting
- 25mm air gap required
- Cut with knife or scissors

Find out more →

SF19+ SuperFOIL Insulation

Thermal Insulation for use in Roofs and Walls

Up to
R
2.97

Key Features

SF19+ SuperFOIL is a new higher performance version of our LABC registered SF19.

SF19+ SuperFOIL has a BBA certified R value of 2.49 in pitch or flat roofs & 2.97 in walls.

Utilises Dupont ultra efficient nano coating technology to improve performance.

SF19+ SuperFOIL also acts as a radiant barrier to reflect excessive heat gain during the summer months as well as insulating throughout the year.

'DUET' Installation – An over and under the rafter application consisting of two layers of SuperFOIL. SF19+ with SF40 provides a U-value of 0.16.

'COMBI' Installation – Use SuperFOIL with any other insulation including mineral wool or foam board to achieve the new regs.

SF19+ SuperFOIL is ideal for use in walls and roof structures in new build and in renovation, refurbishment / extension projects.

SF19+'s technical specification means high performance from a small footprint.

Easy installation results in minimal waste. Superfoil is manufactured with 40% recycled materials and is recyclable at the end of its useful life.



Technical

DESCRIPTION	LAYERS	SPECIFICATION	METHOD	RESULT
Polypropylene reinforced heavy outer laminated foil	2	Certified 'R' value (Wall/Roof)	ISO 8301 / EN 16012	R2.97 / R2.49
Aluminium coated reflective foil PET layers	4	Core 'R' Value	BBA, ISO 8301	1.54
Loft quilt layers	5	Watertightness	EN 1928:2000	Watertight, W1
Total layers	11	Emissivity	EN 16012	0.03
Weight per roll	13Kg	Nail Tear Strength	BS EN 12310-2	179N
Dimensions packed	1.5m x 420mm	Tensile Strength	BS EN 12311-2	600 N/50mm
Thickness installed (Nominal)	45mm	Reaction to Fire	BS EN 13501-1:2007	Class 'E'
Roll dimensions	1.5m x 10m			
Total area per roll	15 sqm			

Installation

Installing OVER rafters:

Roll out SF19+ SuperFOIL over rafters. Staple at least 500mm or as conditions dictate and cover joins with SuperFOIL tape, overlap widths 75mm (Min 50mm Max 100mm)

At the eaves cut superFOIL around rafters and seal to cavity wall insulation or wall plate to create airtight envelope.

Fix battens parallel with the rafters and apply breathable roof underlay according to manufacturers guidelines.

Fix roofing battens & tiles according to manufacturers guidelines.

Installing UNDER rafters:

Roll out SuperFOIL, starting along the top of the roof. Batten horizontally over rafters. Staple at least 500mm or as conditions dictate and cover joins with SuperFOIL tape, overlap widths 75mm (Min 50mm Max 100mm).

At the bottom of the roof pitch, staple the SF19+ SuperFOIL directly onto the timber wall plate to create airtight envelope.

Fix battens across the rafters and ensure air gap between SuperFOIL and the plasterboard.

SF19+ Installers please note:

SF19+ SuperFOIL can be used in all types of roof structure.

SF19+ SuperFOIL can be laid horizontally or vertically depending on the characteristics of the area to be insulated.

SF19+ SuperFOIL can be cut with a craft knife or scissors.

SF19+ SuperFOIL is attached using galvanised or stainless steel staples.

Contact with lead, copper and its alloys should be avoided.

Do not use SF19+ SuperFOIL to insulate a chimney flue.

When using SF19+ SuperFOIL around downlighters a 30mm clear cavity must be provided. The use of fire rated fittings or fire hoods is recommended.

SF19+ SuperFOIL is most effective with a 25mm minimum air gap easily provided with battens.

SF19+ SuperFOIL should be stored under cover and protected from the elements.

SF19+ SuperFOIL tape (20m x 100mm) to be used on all overlaps and joints.

Be careful of the sun's reflection when installing outside.

For more information visit www.SuperFOIL.co.uk

Sizes / figures are approximate and subject to change without notice, tolerance 1:0.01 to 1:0.15

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