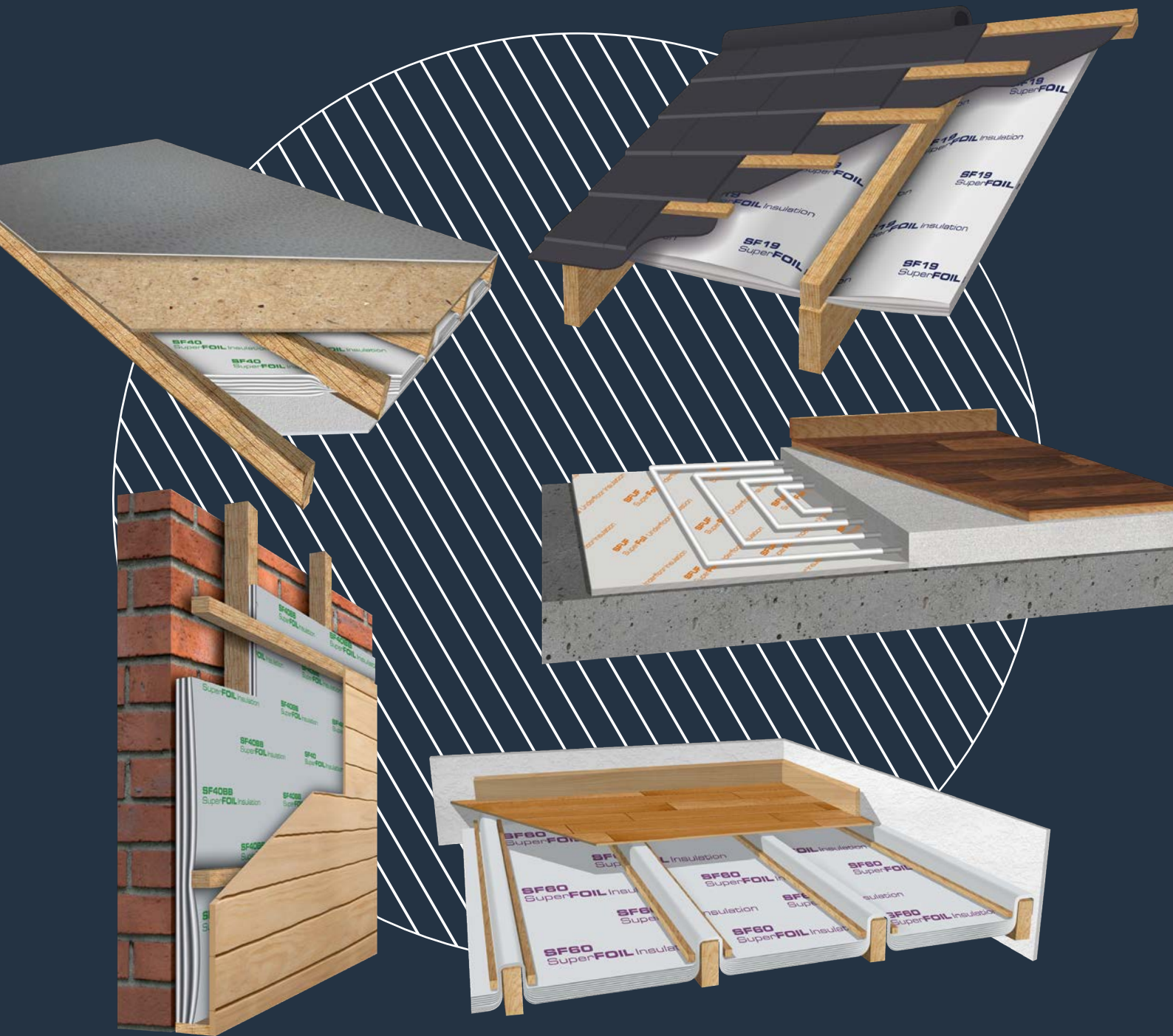


Super**FOIL**  
Experts in Insulation



# SuperFOIL Insulation boasts the widest range of multi foil insulation products in the UK

Boulder Developments Ltd are an experienced international manufacturer of high performance, great value products to the construction and home renovation markets.

SuperFOIL Insulation boasts the widest range of high performance multi foil insulation products allowing us to provide a comprehensive range of solutions to modern day construction that suit your requirements rather than the other way around.

Through research & innovation, we offer not only a standard multi foil product but also next generation multifoils such as SF40 & SF60 (which is the highest performance multifoil in the world) along with a range of reflective breathable membranes & vapour barriers. The SuperFOIL range is further enhanced by the addition of high performance Fire Rated products and the only Euro Class A1 non-combustible multifoil on the market.

All SuperFOIL multi foil Insulation products are independently tested to comply with European regulations such as CE and relevant UK building regulations for use in construction. These assessments are carried out

by notified bodies and 3rd party certified laboratories.

Thermal performance is confirmed by testing to BS EN ISO 12667, ISO 8301 by BBA (British Board of Agrément), who are a UKAS certified body and are an internationally accredited laboratory. Furthermore, we have a range of other accreditations to comply with UK, EU & CE regulations to provide added confidence and accelerate your building application process from highly respected bodies such as BBA, LABC, DIBT & ZAG.

In addition to our product certification we also have a full in-house technical team on hand to help with any questions or queries you, your builder or building inspector might have. If you need any assistance finding the right solution for your project our team will be more than happy to provide build up advice, U-value calculations & condensation risk analysis.

**THERMAL  
INSULATION  
FOR USE IN  
ROOFS, WALLS  
& FLOORS**

**IDEAL FOR  
NEW BUILD  
OR RETROFIT**

**U-VALUE  
SOLUTIONS  
AS LOW AS  
U0.10**



# SF19

Exceptional value  
multi-layer foil insulation

LOCAL AUTHORITY  
BUILDING CONTROL  
REGISTERED

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R2.14**

WALL  
**R2.58**

FLOOR  
**R3.89**

## USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SF19

Thermal Insulation for use in  
Roofs, Walls & Floors

## KEY FEATURES

- SF19 SuperFOIL has BBA Agrément & LABC Registered System Approval.
- SF19 SuperFOIL has a BBA certified R value of 2.14 in pitch or flat roofs & 2.58 in walls.
- Dupont ultra efficient nano coating technology.
- 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 + SF40 provides a U-value of 0.18.
- 'COMBI' Installation – Use SuperFOIL with any other insulation including mineral wool or foam board to achieve any required insulation U-value.
- 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

PRODUCT DIMENSIONS	
Thickness	40mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	13kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	1.24 R Value
Roof (inc. air spaces)	2.14 R Value
Wall (inc. air spaces)	2.58 R Value
Floor (inc. air spaces)	3.89 R Value
Emittance	0.05

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm



SuperFOIL.co.uk

# SF19+

Exceptional value  
multi-layer foil insulation

LOCAL AUTHORITY  
BUILDING CONTROL  
REGISTERED

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R2.53**

WALL  
**R2.97**

FLOOR  
**R4.28**

## USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SF19+

Thermal Insulation for use in  
Roofs, Walls & Floors

## KEY FEATURES

- SF19+ SuperFOIL is BBA Agrément certified for use in roofs & walls..
- SF19+ SuperFOIL has a BBA certified R value of 2.53 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

PRODUCT DIMENSIONS	
Thickness	45mm
Length	10m
Width	1.2m
Coverage	12sqm
Weight	10.5kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	1.63 R Value
Roof (inc. air spaces)	2.53 R Value
Wall (inc. air spaces)	2.97 R Value
Floor (inc. air spaces)	4.28 R Value
Emittance	0.05

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm



SuperFOIL.co.uk

# SF19BB Breathable Insulation

REFLECTIVE BREATHER  
MEMBRANE &  
INSULATION COMBINED

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

IDEAL FOR NEW BUILD  
OR RETROFIT

WATERTIGHT  
**W1**  
& BREATHABLE

ROOF  
**R2.22**

WALL  
**R2.53**

USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**



# SF19BB Breathable Thermal Insulation for use in Roofs and Walls

## KEY FEATURES

- SF19BB SuperFOIL, certified R value of R.2.22 in pitch or flat roofs & R 2.53 in walls.
- SF19BB is a breathable membrane and insulation layer in one.
- SF19BB helps to prevent the formation of mould & damp by reducing the risk of condensation
- W1 watertightness makes SF19BB suitable for use in both roofs & walls
- SF19BB SuperFOIL insulates during winter and acts as a radiant barrier (reducing solar gain) in summer.
- SF19BB SuperFOIL is ideal for use in walls and roof structures in new builds and renovation, refurbishment / extension projects.
- SF19BB'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

PRODUCT DIMENSIONS	
Thickness	40mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	10kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	1.45 R Value
Roof (inc. air spaces)	2.22 R Value
Wall (inc. air spaces)	2.53 R Value
Emittance	0.03/0.3

ADDITIONAL INFO	
Water Vapour Resistance	0.115MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	238/227 N/50mm
Tensile Properties - Width (After Ageing)	111/100 N/50mm



# SF40

Exceptional value  
multi-layer foil insulation

LOCAL AUTHORITY  
BUILDING CONTROL  
REGISTERED

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R3.47**

WALL  
**R3.91**

FLOOR  
**R5.22**

USAGE

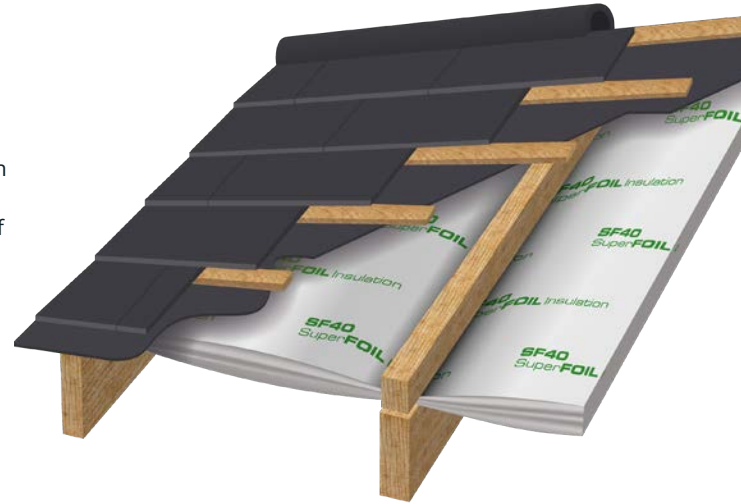


Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

### KEY FEATURES

- SF40 SuperFOIL has BBA Agrément & LABC Registered System Approval.
- SF40 SuperFOIL has a BBA certified R value of 3.47 in pitch roofs & 3.91R in walls.
- Dupont ultra efficient nano coating technology.
- SF40 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. SF40 + SF40 provides a U-value of 0.14.
- 'COMBI' Installation – Use SuperFOIL with any other insulation including mineral wool or foam board to achieve any required insulation U-value.
- SF40 SuperFOIL is ideal for use in walls and roof structures in new build and in renovation, refurbishment / extension projects.
- SF40'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

PRODUCT DIMENSIONS	
Thickness	65mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	17.5kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	2.57 R Value
Roof (inc. air spaces)	3.47 R Value
Wall (inc. air spaces)	3.91 R Value
Floor (inc. air spaces)	5.22 R Value
Emittance	0.05

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm

# SF40BB Breathable Insulation

LOCAL AUTHORITY  
BUILDING CONTROL  
REGISTERED

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R3.67**

WALL  
**R3.98**

## USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

### KEY FEATURES

- SF40BB has a certified R value of R3.67 in a roof & R3.98 in a wall.
- Acts as a breathable membrane and insulation in one.
- Helps to prevent the formation of mould and damp by reducing the risk of condensation.
- W1 watertight means SF40BB can be used in both roofs & walls.
- SuperFOIL can be used on its own, in a multiple layers or with any other form of insulation to achieve any U-value
- Ideal for use in walls and roof structures in new builds and in renovation, refurbishment / extension project.
- Easily fit with minimal wastage and manufactured with 40% recycled materials.



### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	75mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	17.5kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/- 5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class D (behind plasterboard)

THERMAL PERFORMANCE	
Core	2.9 R Value
Roof (inc. air spaces)	3.67 R Value
Wall (inc. air spaces)	3.98 R Value
Emittance	0.03/0.3

ADDITIONAL INFO	
Water Vapour Resistance	0.115MN/g
Water Vapour Transmission	0.023Sd
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Strength	194 N/50mm

# SF60

## The Ultimate Multi-foil Insulation

MAXIMUM INSULATION  
MINIMUM SPACE

U-VALUE SOLUTIONS  
AS LOW AS  
**U0.10**

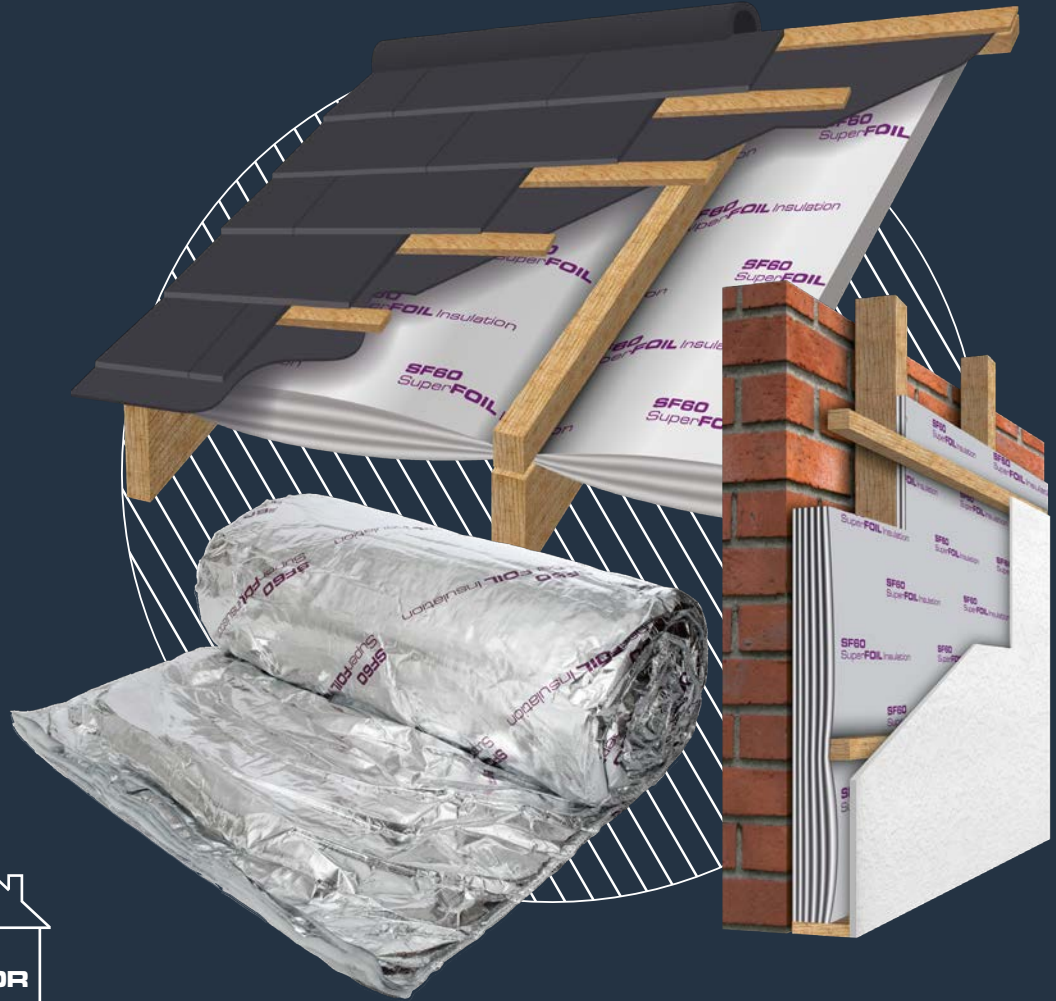
IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R4.48**

WALL  
**R4.92**

FLOOR  
**R6.23**

USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

### KEY FEATURES

- SF60 SuperFOIL is constructed from 53 layers of interlaced materials.
- SF60 SuperFOIL has a BBA Agrément approval with an R value of 4.48 in pitch roofs & R 4.92 in walls
- Dupont ultra efficient nano coating technology.
- SF60 SuperFOIL is ideal for new build, extensions and conversions and can be easily retrofitted as it does not waste valuable and expensive space.
- SF60 SuperFOIL can be used to create an airtight barrier, unlike conventional glass fibre. SF60 is airtight and has a life expectancy of 50+ years.
- SF60 SuperFOIL reduces dependency on chemical foam products and their associated gas emissions
- SF60 SuperFOIL is compatible with all insulations. To 'Super Insulate' existing insulation, add one layer of SF60 to maximise energy savings.



### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	100mm
Length	8m
Width	1.5m
Coverage	12sqm
Weight	17.75kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/- 5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	3.58 R Value
Roof (inc. air spaces)	4.48 R Value
Wall (inc. air spaces)	4.92 R Value
Floor (inc. air spaces)	6.23 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm

# SFUF

Multi-foil insulation for solid  
& suspended floors

**QUICK & EASY  
INSTALLATION**

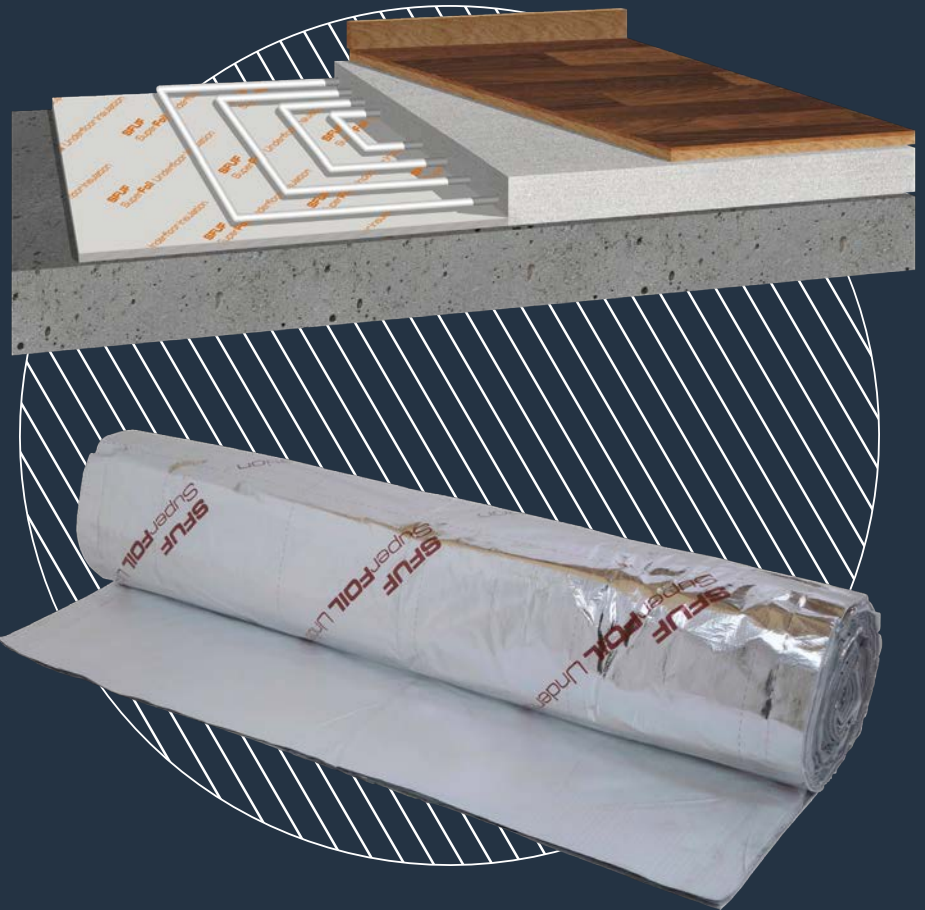
**USE TO INSULATE  
NEW OR EXISTING  
FLOORS**

**REDUCES IMPACT  
NOISE**

**CAN BE USED IN  
WALLS & ROOFS  
AS WELL FLOORS**

**PERFECT FOR USE  
UNDER SCREED &  
UNDERFLOOR HEATING**

**RO.8**  
M2.K/W



## USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**



# SFUF Thermal Insulation for under floors, Walls & other Areas of construction

## KEY FEATURES

- SFUF can be used in floors, walls, roofs and any place that requires a slim high performance insulation
- SFUF can be used under screeded & laminate floors as well as over or under suspended floors
- SFUF will contribute to the air tightness of your building
- SFUF Provides sound insulation & reduces impact noise up to an estimated  $\Delta I = 22$  dB
- SFUF provides a thermal break to reduce or eliminate cold bridging when turned up the walls
- SFUF contains multiple reflective layers that reflect radiant energy into the room
- SFUF can be used to meet or improve U-value in both new build and renovation projects
- SFUF is ideal for insulating underfloor radiant heating pipes and has grid marking to assist with laying of underfloor pipes
- SFUF is an ideal thermal break to help eliminate cold bridging in areas difficult to insulate with traditional insulation



## TECHNICAL

PRODUCT DIMENSIONS	
Thickness	6mm
Length	8m
Width	1.5m
Coverage	12sqm
Weight	6.2kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	0.8 R Value
Roof (inc. air spaces)	0.8 R Value
Wall (inc. air spaces)	0.8 R Value
Floor (inc. air spaces)	0.8 R Value

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm
Accoustic Performance - Noise Impact	Delta L: Up To 22db



# SF19FR

Fire Rated  
multi-layer foil insulation

BS 476-6

**"CLASS 0"**  
SPREAD OF FLAME

BS 476-7

**"CLASS 1"**  
SPREAD OF FLAME

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF

**R 2.27**

WALL

**R 2.73**

FLOOR

**R 4.37**

USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SF19FR

Fire Rated Thermal Insulation  
for use in Roofs, Walls & Floors

## KEY FEATURES

- SF19 FR (Fire Rated) is "Class 0" and "Class 1" rated.
- BBA tested & DIBT approved (German agrément).
- BBA certified R value of 2.27 in a roof (flat or pitched) & 2.73 in walls.
- Provides a reflective radiant barrier, keeping you cooler in summer and warmer in winter.
- SuperFOIL can be used on its own, in multiple layers or with any other form of insulation to achieve any U-value.
- Ideal for use in walls and roof structures in new build and in renovation, refurbishment / extension projects.
- Easily fit with minimal wastage and manufactured with 40% recycled materials.



## TECHNICAL

PRODUCT DIMENSIONS	
Thickness	40mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	13kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Fire Propagation (BS 476-6)	Class 0
Spread of Flame (BS 476-7)	Class 1
Reaction to Fire (Euroclass)	Class E (without plasterboard)

THERMAL PERFORMANCE	
Core	1.31 R Value
Roof (inc. air spaces)	2.27 R Value
Wall (inc. air spaces)	2.73 R Value
Floor (inc. air spaces)	4.37 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm



SuperFOIL.co.uk

# SF40FR

Fire Rated  
multi-layer foil insulation

BS 476-6

**"CLASS 0"**  
SPREAD OF FLAME

BS 476-7

**"CLASS 1"**  
SPREAD OF FLAME

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF

**R3.58**

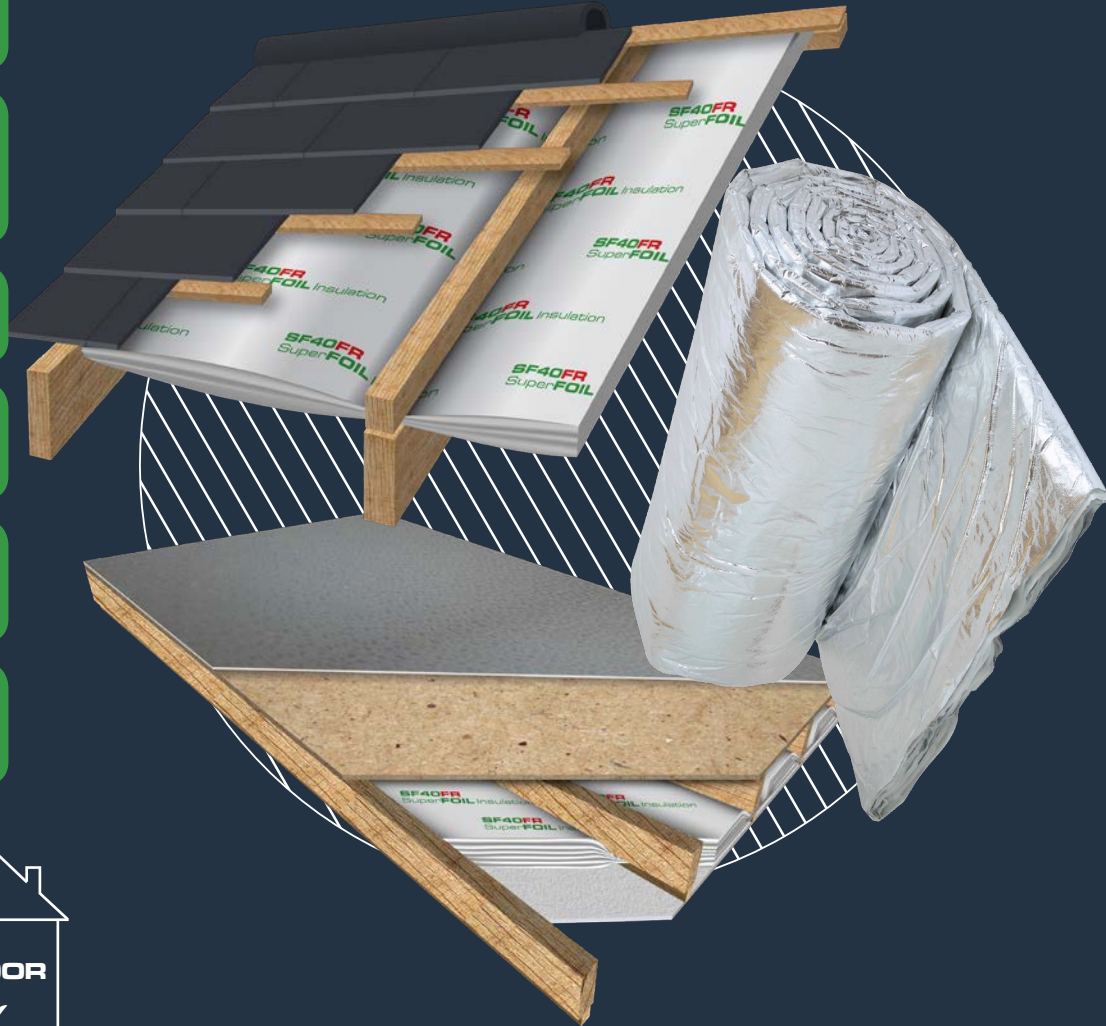
WALL

**R4.04**

FLOOR

**R5.69**

USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SF40FR

Fire Rated Thermal Insulation  
for use in Roofs, Walls & Floors

## KEY FEATURES

- SF40 FR (Fire Rated) is "Class 0" and "Class 1" rated.
- BBA tested & DIBT approved (German agrément).
- BBA certified R value of 3.58 in a roof (flat or pitched) & 4.04 in walls.
- Provides a reflective radiant barrier, keeping you cooler in summer and warmer in winter.
- SuperFOIL can be used on its own, in multiple layers or with any other form of insulation to achieve any U-value.
- Ideal for use in walls and roof structures in new build and in renovation, refurbishment / extension projects.
- Easily fit with minimal wastage and manufactured with 40% recycled materials.



## TECHNICAL

PRODUCT DIMENSIONS	
Thickness	65mm
Length	10m
Width	1.5m
Coverage	15sqm
Weight	17.5kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Fire Propagation (BS 476-6)	Class 0
Spread of Flame (BS 476-7)	Class 1
Reaction to Fire (Euroclass)	Class E (without plasterboard)

THERMAL PERFORMANCE	
Core	2.62 R Value
Roof (inc. air spaces)	3.58 R Value
Wall (inc. air spaces)	4.04 R Value
Floor (inc. air spaces)	5.69 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm



# SF60FR

Fire Rated  
multi-layer foil insulation

BS 476-6

**"CLASS 0"**  
SPREAD OF FLAME

BS 476-7

**"CLASS 1"**  
SPREAD OF FLAME

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF

**R4.42**

WALL

**R4.88**

FLOOR

**R6.53**

USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SF60FR

Fire Rated Thermal Insulation  
for use in Roofs, Walls & Floors

## KEY FEATURES

- SF60 FR (Fire Rated) is "Class 0" and "Class 1" rated.
- BBA tested & DIBT approved (German agrément).
- BBA certified R value of 4.42 in a roof (flat or pitched) & 4.88 in walls.
- Provides a reflective radiant barrier, keeping you cooler in summer and warmer in winter.
- SuperFOIL can be used on its own, in multiple layers or with any other form of insulation to achieve any U-value.
- Ideal for use in walls and roof structures in new build and in renovation, refurbishment / extension projects.
- Easily fit with minimal wastage and manufactured with 40% recycled materials.



## TECHNICAL

PRODUCT DIMENSIONS	
Thickness	100mm
Length	8m
Width	1.5m
Coverage	12sqm
Weight	17.75kg

FIRE PERFORMANCE	
Fire Propagation (BS 476-6)	Class 0
Spread of Flame (BS 476-7)	Class 1
Reaction to Fire (Euroclass)	Class E (without plasterboard)

THERMAL PERFORMANCE	
Core	3.46 R Value
Roof (inc. air spaces)	4.42 R Value
Wall (inc. air spaces)	4.88 R Value
Floor (inc. air spaces)	6.53 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm



# SFNC Non Combustible multi-layer foil insulation

**EURO CLASS A1  
FIRE RATING  
"NON COMBUSTIBLE"**

**U-VALUE SOLUTIONS  
AS LOW AS  
U0.10**

**SPECIALIST PROJECTS,  
NEW BUILD & RETROFIT**

**RADIANT BARRIER**

**PITCHED ROOF  
R1.54**

**WALL  
R1.99**

## USAGE



Super**FOIL**.co.uk

**QUALITY SYSTEM  
MANUFACTURED TO:  
ISO 9001:2015**



### KEY FEATURES

- SFNC is **non combustible**, it will not ignite or burn.
- SFNC SuperFOIL achieves an R value of 1.54 in pitch roofs & 1.99 in walls. (values include air gaps)
- 'DUET' Installation – SuperFOIL can be used over and under rafter in a 'Duet' format to achieve even higher performance.
- 'COMBI' Installation – SuperFOIL can be used with any other insulation including mineral wool or foam board to achieve the required insulation U-value.
- SFNC SuperFOIL is ideal for use in specialist projects that require walls and roof structures to meet specific fire rating requirements.
- SFNC's technical specification means high performance from a small footprint.
- SFNC SuperFOIL also acts as a radiant barrier to reflect excessive heat gain during the summer months as well as insulating throughout the year.
- Easy installation results in minimal waste. Superfoil is manufactured with 40% recycled materials and is recyclable at the end of its useful life.



### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	20mm
Length	8.35m
Width	1.2m
Coverage	10sqm
Weight	30kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class A1 (Non-combustible)

THERMAL PERFORMANCE	
Core	0.62 R Value
Roof (inc. air spaces)	1.54 R Value
Wall (inc. air spaces)	1.99 R Value
Floor (inc. air spaces)	3.65 R Value
Emittance	0.04

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	635 N/50mm
Tensile Properties - Width (After Ageing)	580 N/50mm

# SFTV

## General Purpose Thermal, Vapour & Air Tightness Barrier

**WATER &  
VAPOUR PROOF**

**QUICK & EASY  
INSTALLATION**

**RADIANT BARRIER**

**AIR TIGHT**

**HELPS TO PREVENT  
MOULD & DAMP**

**UP TO  
R 2.8**



### USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

### KEY FEATURES

- SFTV is waterproof and resists the passage of moisture through walls, floors and ceilings.
- Installing SFTV improves the airtightness of the building.
- SFTV is a radiant barrier it can be used to enhance thermal performance U-values in both new build and renovation projects.
- SFTV is vapour proof and restricts the passage of warm moist air from within the building from permeating into the structure or the roof.
- SFTV is suitable for roof and wall applications.
- SFTV helps to prevent mould and damp.
- SFTV reduces both convective and radiant heat loss



### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	1mm
Length	25/50m
Width	1.5m
Coverage	37.5/75sqm
Weight	4.8/10.7kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

THERMAL PERFORMANCE	
Core	N/A
Roof (inc. air spaces)	0.95 R Value
Wall (inc. air spaces)	1.42 R Value
Floor (inc. air spaces)	2.80 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	238/227 N/50mm
Tensile Properties - Width (After Ageing)	111/100 N/50mm

# SFTVL1

General Purpose Thermal,  
Vapour & Air Tightness Barrier

**WATER &  
VAPOUR PROOF**

**QUICK & EASY  
INSTALLATION**

**RADIANT BARRIER**

**AIR TIGHT**

**HELPS TO PREVENT  
MOULD & DAMP**

**UP TO  
R 1.4\***



## USAGE



Super**FOIL**.co.uk

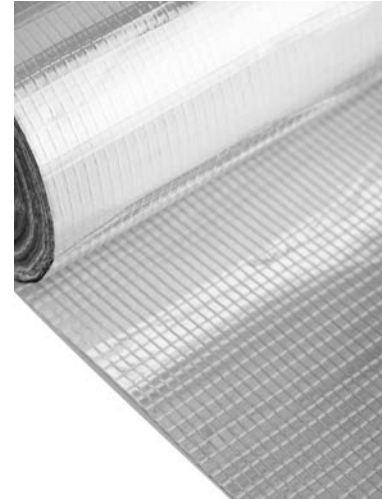
QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

# SFTV1L

Resists the Passage of Moisture Through Walls, Ceilings & Floors

## KEY FEATURES

- SFTV1L is 100% waterproof and resists the passage of moisture through walls, floors and ceilings.
- Installing SFTV1L improves the airtightness of the building.
- SFTV1L is a radiant barrier it can be used to enhance thermal performance U-values in both new build and renovation projects.
- SFTV1L is vapour proof and restricts the passage of warm moist air from within the building from permeating into the structure or the roof.
- SFTV1L is suitable for roof and wall applications.
- SFTV1L helps to prevent mould and damp.
- SFTV1L reduces both convective and radiant heat loss



## TECHNICAL

PRODUCT DIMENSIONS	
Thickness	1mm
Length	20m
Width	1.2m
Coverage	24sqm
Weight	4kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (without plasterboard)

THERMAL PERFORMANCE	
Core	N/A
Roof (inc. air spaces)	0.47 R Value
Wall (inc. air spaces)	0.71 R Value
Floor (inc. air spaces)	1.4 R Value
Emittance	0.03

ADDITIONAL INFO	
Water Vapour Resistance	1200MNs/g
Resistance to water penetration	W1
Flexibility at low temp.	-40c
Tensile Properties - Length (After Ageing)	238/227 N/50mm
Tensile Properties - Width (After Ageing)	111/100 N/50mm



# SFBA MP

Double Foil  
Single Bubble

WATER &  
VAPOUR RESISTANT

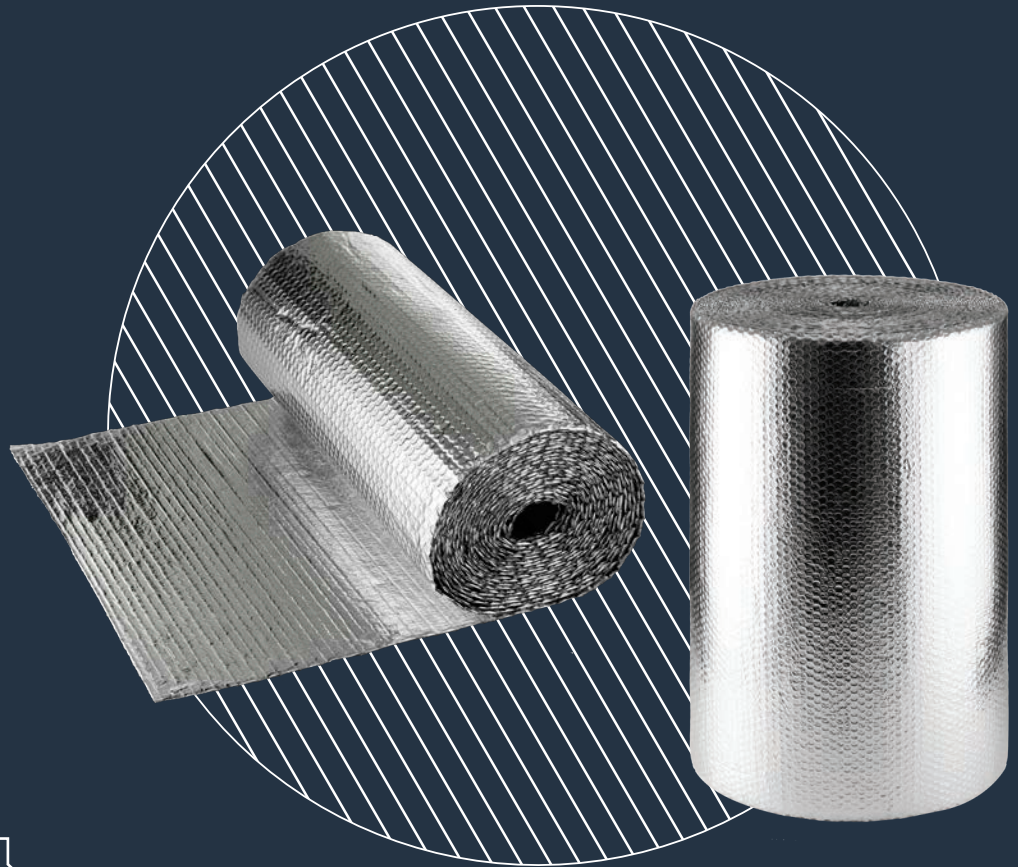
QUICK & EASY  
INSTALLATION

IDEAL FOR NEW BUILD  
OR RETROFIT

ROOF  
**R 0.97**

WALL  
**R 1.33**

FLOOR  
**R 2.33**



## USAGE



Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**

### KEY FEATURES

- SFBA MP is waterproof and resists the passage of moisture through walls, floors and ceilings.
- SFBA is part of the SuperFOIL range, designed to maximise insulation performance with a quick and easy installation.
- SFBA is a multi-layer air bubble insulation with external layers of aluminium metalized PET. This provides a corrosion resistance for increased lifespan.
- SFBA is a leading bubble foil insulation. It can be used for insulating under floor, in walls, in dry lining such as for cellars and can also be used in greenhouses and other industrial applications.
- SFBA is a high performance insulation that utilises low emissivity air gaps to maximise the thermal performance.
- SFBA reflects heat, just like a mirror reflects light. SFBA is an ideal radiant barrier for supplementing existing insulation to keep your house warmer in winter and cooler in summer.

### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	3mm
Length	25m
Width	1.5m
Coverage	37.5sqm
Weight	7.5kg
Thickness	3mm
Length	50m
Width	1.5m
Coverage	75sqm
Weight	15kg
Thickness	3mm
Length	50m
Width	0.75m
Coverage	75sqm
Weight	7.5kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

THERMAL PERFORMANCE	
Core	N/A
Roof (inc. air spaces)	0.47 R Value
Wall (inc. air spaces)	0.71 R Value
Floor (inc. air spaces)	1.4 R Value
Emittance	0.03

FIRE PERFORMANCE	
Reaction to Fire (Euroclass)	Class E (behind plasterboard)

# SFBB Breathable Membrane

WATERTIGHT

**W1**

& BREATHABLE

REDUCES THE RISK OF  
CONDENSATION

IDEAL FOR NEW BUILD  
OR RETROFIT

IMPROVES THERMAL  
PERFORMANCE

RADIANT BARRIER



USAGE



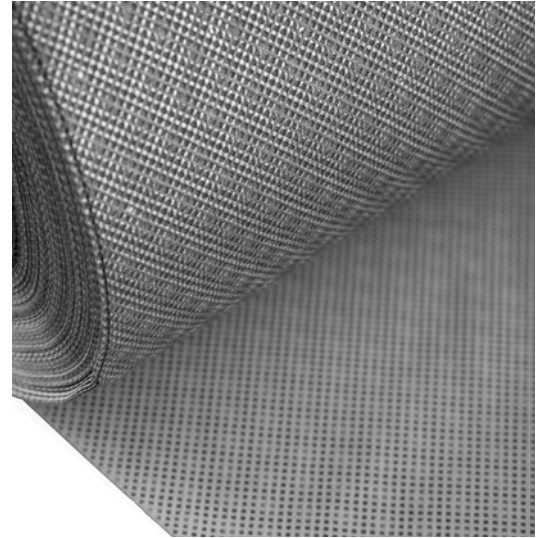
Super**FOIL**.co.uk

QUALITY SYSTEM  
MANUFACTURED TO:  
**ISO 9001:2015**



### KEY FEATURES

- SFBB is a watertight (W1 - EN 1928:2000) breather membrane for use in roofs & walls
- SFBB is vapour permeable and allows the passage of warm moist air to reduce condensation.
- Installing SFBB improves the airtightness of the building.
- SFBB is a radiant barrier it can be used to enhance thermal performance U-values in both new build and renovation projects.
- SFBB has a reflective thermal advantage over standard breather membranes.
- SFBB is easy to handle and install.
- SFBB can be used to help meet the requirements of Approved Document Part L and Scotland Part J



### TECHNICAL

PRODUCT DIMENSIONS	
Thickness	>1mm
Length	25m
Width	1.5m
Coverage	37.5sqm
Weight	5.4kg

Sizes / Figures are approximate & Subject to change without notice, tolerance +/-5%

ADDITIONAL INFO	
Water Vapour Resistance	0.115MNs/g
Resistance to water penetration	W1
Water Vapour Transmission	(sd) : 0.023
Emmissivity	0.3
Nail Tear Strength	179N
Tensile Strength	194N/50mm

# Super**FOIL** Superior Cold Weather Tape

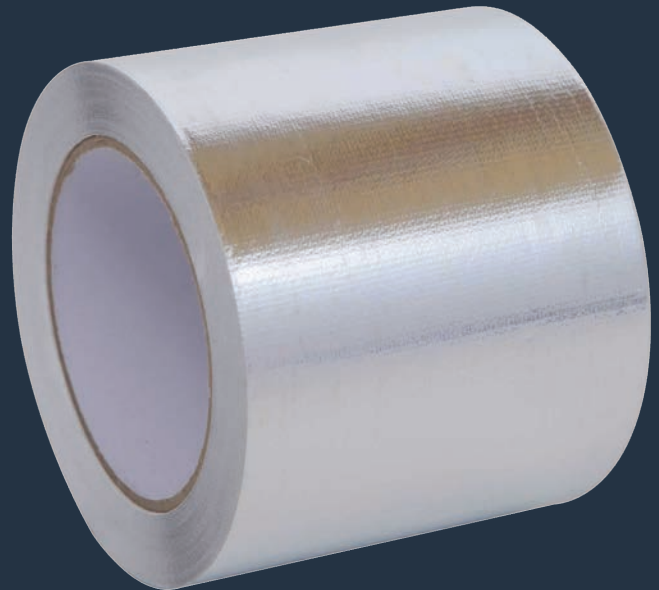
LAMINATED SUPER ADHESION

REINFORCED ALUMINIUM TAPE

FAST & EASY INSTALLATION

IMPROVES ENERGY PERFORMANCE

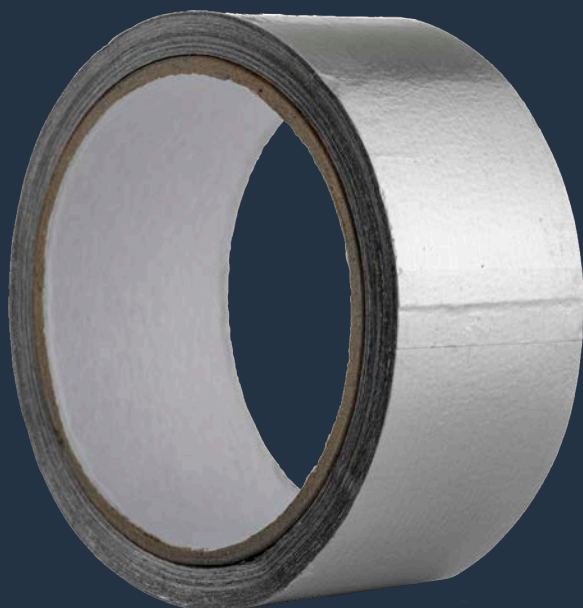
RESISTS THE PASSAGE OF MOISTURE



PRODUCT SPECIFICATION			
Appearance	Silver / Grid		
Specification	Layers	5	
	Width (mm)	100	
	Length (m)	20	
	Weight (kg)	0.5	
	Structure	Aluminium, PE, 3x3 Mesh, Adhesive, Silicone release paper	
Norm	6.5u 100g/m2 (15u 135g/m2)		
Tensile Strength	Endwise	330N / 25mm	GB/T453
	Broadwise	180N / 25mm	
	Bursting Strength	100N	Q/320281NPB02
Temp. Resistance	4 Hours no Decladding	-30 C / 100 C	ASTM C1263

# SuperFOIL MP

## Standard tape



**FAST & EASY INSTALLATION**

**IMPROVES ENERGY PERFORMANCE**

**RESISTS THE PASSAGE OF MOISTURE**

**IMPROVES AIR-TIGHTNESS**

**FLEXIBLE & ECONOMICAL**

**REDUCES IMPACT NOISE**

### PRODUCT SPECIFICATION

Appearance	Silver / Smooth		
Specification	Layers	3	
	Width (mm)	100	
	Length (m)	20	
	Weight (kg)	0.2	
	Structure	Aluminium (380A), PET, Adhesive	
Properties	Peel Strength @ 180 C	12N/25mm	GB/T2792
	Initial Adhesion Performance	20mm	Q/320281NPB01
	T-Type Unrolling Strength	1.5N / 25mm	Q/320281NPB01
	Fire Resistance Properties	UL723 / BS476 / PT6 / PTT7	GB8624



**THERMAL  
INSULATION  
FOR USE IN  
ROOFS, WALLS  
& FLOORS**

**IDEAL FOR  
NEW BUILD  
OR RETROFIT**

**U-VALUE  
SOLUTIONS  
AS LOW AS  
U0.10**

Super**FOIL** Insulation

 01636 639900

 [sales@superfoil.co.uk](mailto:sales@superfoil.co.uk)

 [www.superfoil.co.uk](http://www.superfoil.co.uk)