

# SFUF

Multi-foil insulation for solid & suspended floors

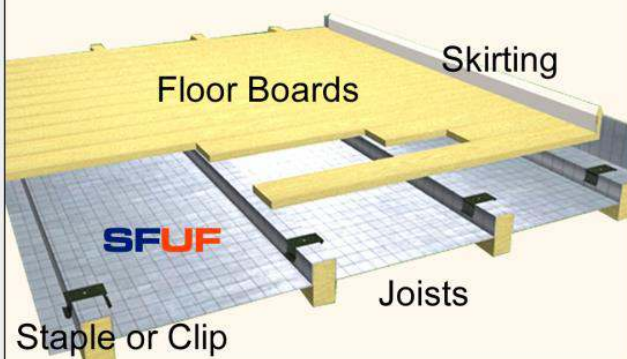
# SuperFOIL Insulation

Thermal Insulation for use Under Floors,  
walls & Other Areas of Construction

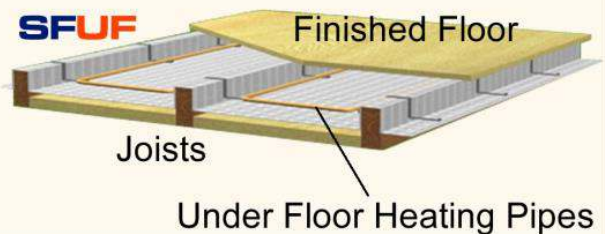
## Installation Guidelines & Datasheet

### SFUF Applications

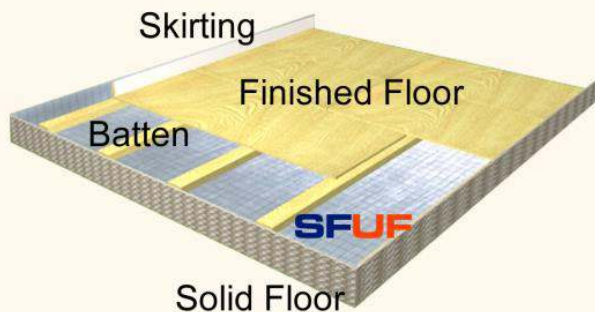
#### Suspended Floors



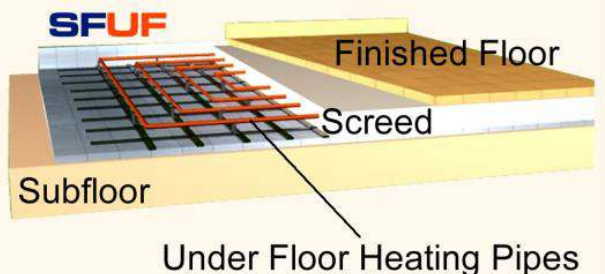
#### SFUF with UnderFloor Heating In Suspended Floors



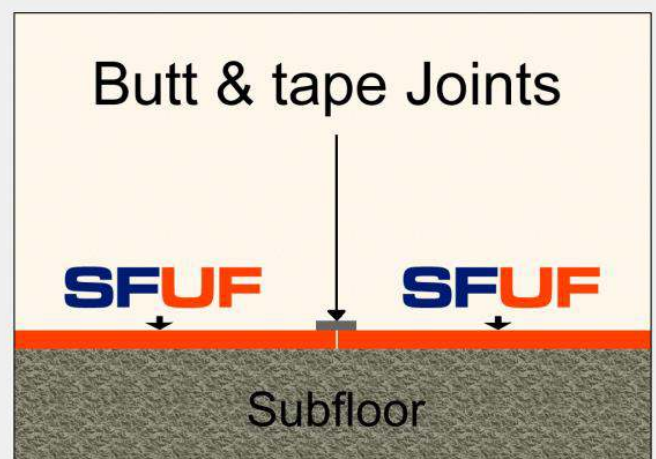
#### Solid Floor



#### SFUF With Under Floor Heating



### Basic Install Principles



# SFUF

# SuperFOIL Insulation

**Thermal Insulation for under floors, walls & Other Areas of construction**

**R**  
**0.8**  
**m<sup>2</sup>.k/w**

## 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



## Technical

### DESCRIPTION

Polypropylene reinforced heavy outer laminated foil

Aluminium coated reflective foil PET layers

Thermo foam separation layers

Polyethylene protective layer

Total layers

Packing

Weight per roll

Dimensions packed

### LAYERS

2

4

6

1

13

142 Poly tube

9Kg

1.5m x 420mm

### SPECIFICATION

Tested 'R' value

Thickness installed

Roll dimensions

Total area per roll

Tensile Strength - Lateral

Tensile Strength - Longitude

Thermal Break

Acoustic Performance - Noise Impact

### DATA

0.8

6mm

1.5m x 12.5m

18.75sqm

550

60

Yes

Delta L : Up to 22db

## Installation

### SFUF with Wet Underfloor heating:

- Lay SFUF on a clean, dry and smooth surface
- Start at the wall edge with a minimum of 100mm lapping up the wall edge
- Install your underfloor heating and screeding to the manufacturers recommendations

### SFUF Over joists on Suspended Floors:

- Start at the wall edge with a minimum of 100mm lapping up the wall edge.
- Roll SFUF out over the joists
- SFUF can then be stapled in place, onto the joists
- Where rolls meet, butt the edges together and seal with foil tape.
- Decking should then be installed over the SFUF in accordance to the manufacturers guidelines.

### SFUF Under Joists on Suspended Floors:

- Roll SFUF out over the joists
- SFUF can then be stapled in place, onto the joists
- Where rolls meet, butt the edges together and seal with foil tape.
- Seal the SFUF around the perimeter or lap it up the wall above the floor deck

### Other Applications:

For other applications such as roofs & walls, please call us on 01636 639 900 or visit our site @ [www.superfoil.co.uk](http://www.superfoil.co.uk)

For more information visit [www.SuperFOIL.co.uk](http://www.SuperFOIL.co.uk)

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

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