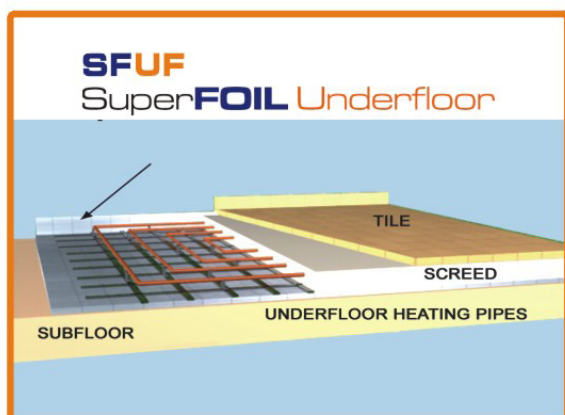
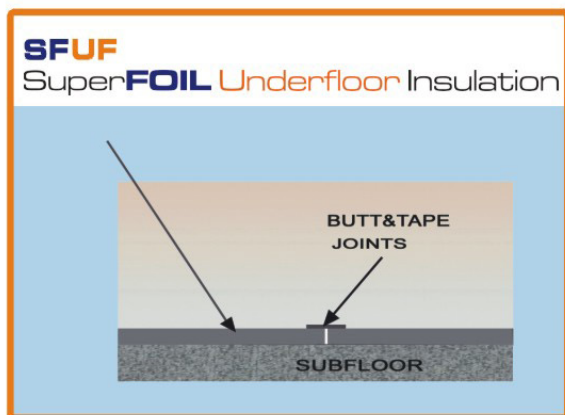
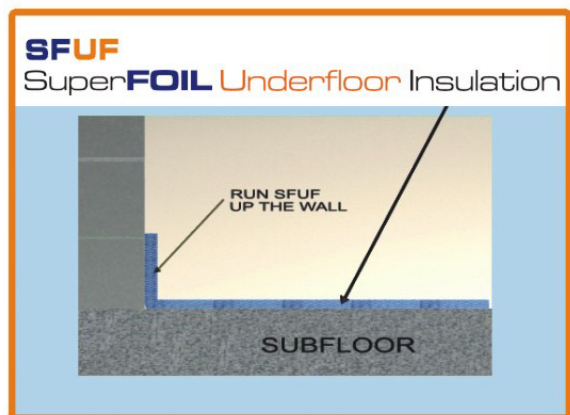




Basic Installation Principles

- Lay SFUF on a clean, dry and smooth surface
- Start at the wall edge with a minimum of 100mm overlapping the wall edge
- Butt the long edges together and cover joints with SF Jointing Tape
- Next stage is to install your underfloor heating and screeding to the manufacturers recommendations



Key Features

- SFUF resists the passage of moisture through floors
- SFUF improves the performance of underfloor heating through the uniform reflection of the heat generated
- SFUF's slim profile and high insulation value makes it ideal for use where floor height is a limiting factor
- Insulation floor edges removing the effects of thermal bridging

Building Elements:

Building Elements Floor 1

Floor Type: Slab on ground
 Area=191.00m², Perimeter=96.00m, Wall thickness=300mm, Soil: Clay
 Horizontal edge insulation: none
 Vertical edge insulation: none

Layer	Description	Thickness	λ	R	Fraction
External surface				0.040	
Layer1	Concrete, medium density Main construction	100 mm	1.350	0.074	100.00%
Layer2	SFUF Main construction Corrections - Air Gap: Level 0, Fasteners: None or plastic	6 mm	0.008	0.800	100.00%
Layer3	Kingspan TF70 zero ODP Main construction Corrections - Air Gap: Level 0, Fasteners: None or plastic	75 mm	0.023	3.261	100.00%
Layer4	Screed Main construction	65 mm	1.150	0.057	100.00%
Internal surface				0.170	

Total resistance; Upper limit = 4.191m² K/W Lower limit = 4.191m² K/W AVERAGE = 4.191m² K/W
 U - value (unrounded) = 0.0000 W/m² K

Slab on Ground floor corrections:
 Horizontal delta Psi = -0.0005 Vertical delta Psi = -0.0009 B' = 3.9792 Delta U = -0.00073

Total thickness: 246mm

U - value: 0.17 W/m² K

SFUF Mechanical Properties

Tested to meet standard BS EN ISO 13937-2

Tensile Strength

Lateral 550

Longitude 600

Thermal Break Yes

Dimensions & Weights:

Width 1.5m

Length 12.5m

Thickness 6mm

Weight 9kg

Colour silver



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