CI/Sfb

First Issue

INSULEX

INSULATION INSPIRATION

FOIL BUBBLE INSULATION

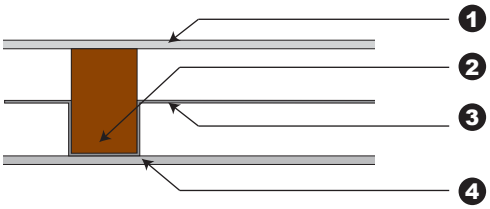
Caravan / Residential Park Homes

- Simple, Fast and Easy Installation
- Saves on Heating - Immediate Payback
- Reduces Condensation Risk
- Improves U-Values
- **Meets BS 3632:2005 for Residential Park Homes**
- CFC / HCFC Free
- Zero Ozone Depletion Potential (ODP)
- Global Warming Potential (GWP) of less than 5

Wooden Studwork

Application for Walls

Insulex Wall Insulation is easy and simple to fit, and is an ideal way to improve a mobile homes energy efficiency. Not only will it keep you warmer in winter thus saving on the heating bills, Insulex also reflects excess heat out in the summer months as well. The insulation is about the equivalent to 60mm of Polystyrene and will make up 60% heat saving through the wall! (as opposed to an un-insulated wall).



Section Wall Details

1. *Outside Leaf*
2. *Studwork*
3. *Insulex Foil Bubble*
4. *Inner Leaf*

Refurbishment

Application for Floors

For details of Steel C-Section Application
Please contact BSK Materials
on 01634 292 700
or email: technical@bsk-laminating.com

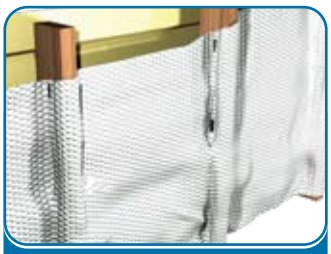
BSK
Materials

Fixing Instructions

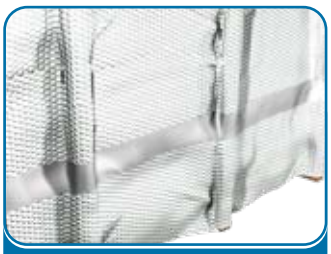
Please Note: Before starting to fix the Thermal Foil Bubble, make sure that any exposed panels are in a good state. If not make appropriate repairs / replacements.

All laps should be foil taped as well as any penetrations.

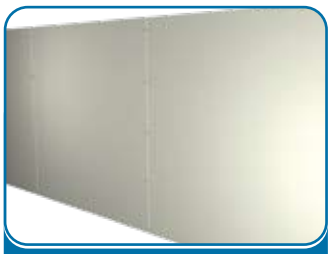
Remove the inner panel(s) and replace insulation as required.



Staple the Insulex Thermal Foil Bubble 25mm into the studwork

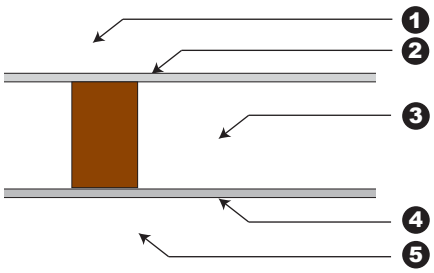


Tape the overlapping joints with foil tape



Replace the panels and apply a suitable finish

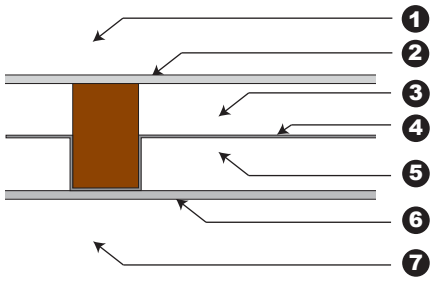
U Value - Caravan Un-Insulated Wall



		Thickness (mm)	Thermal Conductivity (W/mK)	Thermal Resistance ($m^2K/W/$)
1.	Inside Surface Resistance			0.130
2.	Inner Layer	12	0.130	0.092
3.	Stud Cavity	25	-	0.18
4.	Outer Cladding	12	0.130	0.092
5.	Outside Surface Resistance			0.040

U-value Combined Method: ***1.83W/m²K***

U Value - Caravan Insulated Wall



		Thickness (mm)	Thermal Conductivity (W/mK)	Thermal Resistance ($m^2K/W/$)
1.	Inside Surface Resistance			0.130
2.	Inner Layer	12	0.130	0.092
3.	Stud Cavity	25	-	0.665
4.	Insulex Foil Bubble	5	-	0.125
5.	Stud Cavity	25	-	0.665
6.	Outer Cladding	12	0.130	0.092
7.	Outside Surface Resistance			0.040

U-value Combined Method: ***0.60W/m²K***

Specification

		Insulex Double Foil
Description	Corrosion resistant coated, low emissivity aluminium foil backed by a Polyethylene film.	Foil to both side
Dimensions:	Thickness	4mm
	Weight nominal	263 gsm
	Roll size	1.05, 1.2, 1.5 x 25m
	Roll weights nominal	7, 8, 10 kgs
Performance	Thermal performance with 20mm clear cavity to foil face	0.455 m^2K/w
	Water Vapour resistance	>150 MNs/g
	Fire Properties BS476 Part 1	Class 1
	Also available with self extinguishing film	Double FR

BSK Materials

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