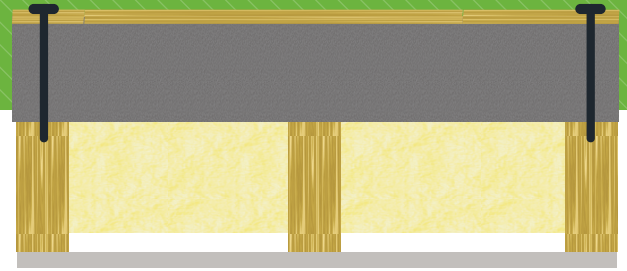


# KORELOFT



KORE Loft Sheet fixed over attic joists. Mineral Wool or equivalent installed between attic joists

## KORE Loft is an Insulated Attic Flooring System.

Homeowners no longer have to compromise when it comes to insulating their attic space. The KORE Loft offers insulation and safe attic access and flooring in one easily installed sheet.

## Description

KORE Loft Attic Insulation Flooring System is specially designed to allow house holders to insulate the floor of their attic and still use the space for storage. The product is essential for ensuring there is safe, secure access from the attic hatch door to the water tank and services in the attic. Kore Loft comprises of one composite sheet of Silver Expanded Polystyrene Insulation bonded to a tongue and grooved chipboard sheet. The sheets sit on top of the joists in the attic and slot in together to form a floor for access and storage. A suitable insulation material is installed between the joists.

### KORE Advantages

KORE Loft sheets have a dual purpose solution, attic insulation and attic storage. The sheets are made from an advanced insulation material that offers excellent thermal performance for life. The sheets are tongue and grooved for safe and easy installation ensuring stability while in use. Once installed the insulation is maintenance free and will not compress over time.

### U-Values

Contact Airpacks Ltd technical department for further U-value calculations (Calculation Method I.S. EN ISO 6946). The Mineral Wool Insulation used in the calculations has a thermal conductivity of 0.04W/mK.

Insulation over Joist	Insulation between Joists
<b>U-Value 0.16W/m<sup>2</sup>K</b>	
KORE Loft 70mm Silver SD	150mm Mineral Wool
KORE Loft 95mm Silver SD	100mm Mineral Wool
<b>U-Value 0.13W/m<sup>2</sup>K</b>	
KORE Loft 95mm Silver SD	150mm Mineral Wool

### Physical Properties

Properties	Units	Density
	kg/m <sup>3</sup>	15–20 Standard
<b>Silver EPS</b>		
Thermal Conductivity	W/mK	0.030
Compressive Strength	kPa	>95
Bending Strength	kPa	>171.70
Dimensional Strength	DS(n)	2

### Installation

- Place a suitable insulation material between the attic joists as normal.
- Place the KORE Loft Sheets over the timber joists.
- The sheets easily slot in together. For extra stability screw fix the KORE Loft Sheet to the joists.
- Electrical cables running around the joists should be separated from the KORE Loft sheets by enclosing them with a suitable conduit.
- KORE Loft sheets are suitable to place over existing attic flooring systems where an improved thermal performance is required.

### Dimensional Table

Dimensions			Component Details			
Overall Thickness (mm)	Width (mm)	Length (mm)	EPS – Silver SD 0.03W/mK	Chipboard (mm)	Coverage per sheet m <sup>2</sup>	No. Sheets per pallet
113	1220	400	95	18	0.488	26
88	1220	400	70	18	0.488	26
113	1220	600	95	18	0.732	26
88	1220	600	70	18	0.732	26

\*Sheet sizes to suit attic joist width.

### CONTACT US

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