

## Insulate without losing storage space

No one likes to throw things away unnecessarily and now there's a way of storing all your treasured possessions without throwing money away on heating bills. You can make sure your home is properly insulated - keeping you warm, saving energy and lowering heating bills - without losing valuable storage space in your loft.

Whether you've already boarded out your loft or not, Space Board insulation offers an easy way to add an extra layer of warmth and still keep your storage area. Plus, Space Board is now available in single slab packs, so you can retain just as much storage room as you need.



# SPACE BOARD

- Insulate without losing storage space
- Designed for use over existing loft boards or in an empty loft
- Saves energy and reduces heating bills
- Quick and easy to cut and fit

## The perfect partners for Space Board

The other fantastic products in the Space Insulation range perfectly complement the energy and money saving properties of Space Board. They're ideal for topping up areas not required for storage to the recommended 270mm level, are quick and easy to install and have an immediate impact on your heating bills.

For further advice or more information visit  
[www.space-insulation.com](http://www.space-insulation.com)  
or call 08700 619916  
quoting ref: GF034512



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## Why insulate?

- 1 The average home loses more than 50% of its heat through the walls and roof.
- 2 Insulated homes release less CO<sub>2</sub> into the atmosphere thereby helping to reduce the effect of climate change.
- 3 Insulation makes your home feel more comfortable all year round.
- 4 Loft insulation is the most effective way of reducing your heating bills.
- 5 You can save up to £175\* a year by insulating your loft to the recommended level (270mm or equivalent).

\*[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk) January 2012

Savings are based on insulating an empty loft with 270mm of insulation

[thinkinsulation.com](http://thinkinsulation.com)

**KNAUF INSULATION**  
it's time to save energy



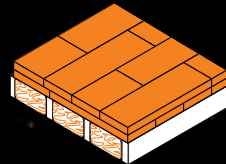
# SPACE BOARD

Insulate and  
create storage space

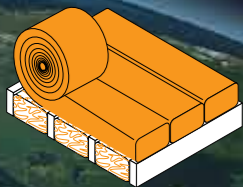
## A quick and easy DIY job

Space Board is made from extruded polystyrene, which is lightweight and easy to handle, but also tough and durable. Its exceptional compressive strength means it can be safely walked on once fully installed and overlaid with chipboard, unless installed on top of existing loft boards. It also has excellent thermal performance - essential for keeping in heat - and at the correct thickness provides the same energy savings as lofts insulated with mineral wool insulation when installed with 100mm loft insulation between the joists.

## Save energy and your storage space



100mm Loft Roll and 2 layers of Space Board



100mm Loft Roll and 170mm Loft Roll

Space Board lets you achieve great energy savings and insulate to the equivalent of the Government's recommended depth of 270mm - without sacrificing your storage space.



## In an empty loft

Space board is ideal for creating storage space and helps save you money.



### Installation

1. Ensure bottom layer insulation is installed between ceiling joists
2. Run a 10mm-15mm bead of adhesive along the joists and then lay Space Board at right angles across the joists in the designated storage area. Apply pressure to each board as it is laid to ensure good adhesion between the board and joists. Each 1200mm long Space Board should be typically supported by 3 joists
3. Lay second layer of Space Board over first layer, stagger the boards and glue all joints to ensure a flat, secure deck
4. Lay chipboard deck and glue all tongue and groove joints in the deck
5. Install top up insulation around the designated Space Board storage area (i.e. over ceiling joists)



## In a boarded out loft

Boarded lofts can reduce the effectiveness of any existing insulation, as the boards may compress the mineral wool below. Space Board maintains your existing storage space and adds an extra layer of warmth to your home.



### Installation

1. Remove all stored goods from existing loft boards and clean thoroughly
2. Run a 10mm-15mm bead of adhesive along the joists and then lay Space Board over existing boards. Applying pressure to each board to ensure good adhesion between the Space Board and loft board.
3. Lay second layer of Space Board over first layer, stagger the boards and glue all joints to ensure a flat, secure deck
4. Lay chipboard deck and glue all tongue and groove joints in the deck
5. Install top up insulation around the designated Space Board storage area (i.e. over ceiling joists)



## Take on board just enough for your storage needs

Space Board lets you control the amount of loft space put aside for storage. Just buy as much as you need and insulate the remaining loft space with top up insulation.

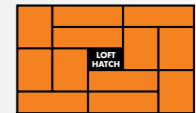
### How much Space Board and Loft Board will I need?

**Space Board** - 1200 x 500mm, Area - 0.60m<sup>2</sup>.

**Loft Board** (chip board deck) - 1220 x 325mm, Area - 1.19m<sup>2</sup>. Each pack contains 3 boards.

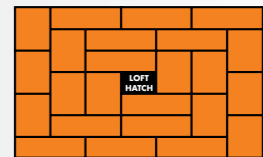
#### SMALL (7m<sup>2</sup>)

Space Board = 24 boards  
Loft Board = 18 boards



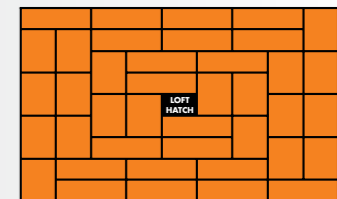
#### MEDIUM (14.4m<sup>2</sup>)

Space Board = 48 boards  
Loft Board = 36 boards



#### LARGE (24m<sup>2</sup>)

Space Board = 80 boards  
Loft Board = 72 boards



Alternatively, if you want to calculate how much you'll need for a different sized area, simply divide the area needed for storage (minus the loft hatch) by the dimensions of Space Board and Loft Board above. Don't forget that you require two layers of Space Board for storage areas.

\* Area size based on a perimeter of boards around loft hatch. Figures are approximate and are based on installation of two layers of Space Board and one layer of Loft Board (18mm chipboard)

#### Important Notes

Space Board Insulation should always be installed with an appropriate chipboard surface - please see installation instructions. Space Board Insulation is intended to create a storage area within your loft that enhances the thermal performance of your roof - it is not intended for use as a flooring substrate or surface in a permanent living space.

Note: Ensure ceiling joists can bear extra loads due to storage. Electrical cables should be located above the new deck.