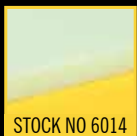


Please ensure you have read and fully understood this guide before installation!

# Econoboard Insulation

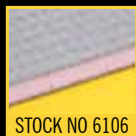
YOUR STEP-BY-STEP GUIDE TO  
THE PERFECT INSTALLATION



STOCK NO 6014



STOCK NO 6009



STOCK NO 6106



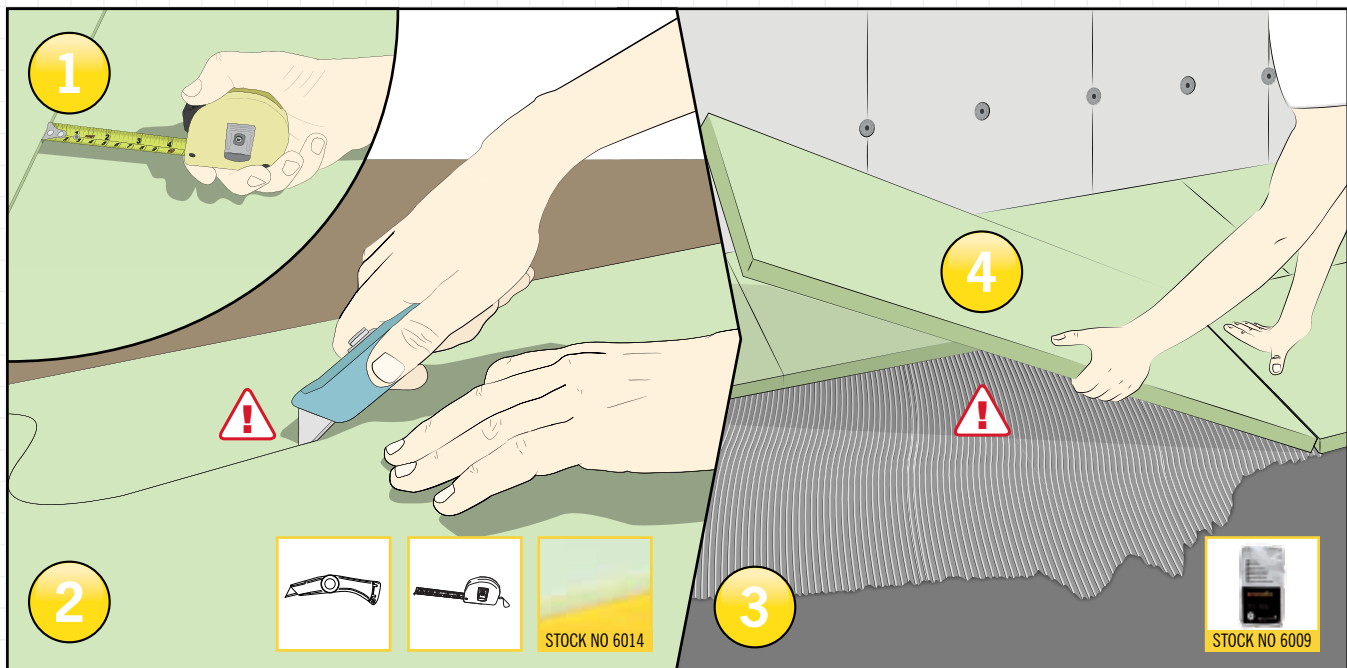
STOCK NO 6032



STOCK NO 6200

**econoboard**  
ECONOMICAL INSULATION BOARD

## Econoboard: Insulating a concrete substrate



### Econoboard: Installation steps

#### Step 1: Measure and plan your layout

Measure your floor space and calculate how many boards you'll need, using the simple formula.

#### Step 2: Cut your Econoboard

If required, cut the econoboard to size to suit your room layout. Econoboard can be cut very easily using a sharp blade or wood saw. Please take appropriate care when using sharp tools\*.

#### Step 3: Spread adhesive

Ensure your substrate is secure, clean and free of dust and loose particles. Mix Econofix flexible adhesive (**Econofix**, 6009) in accordance with instructions and spread using a notched trowel creating a full bed of adhesive.

#### Step 4: Lay your Econoboard

Lay the Econoboard onto the adhesive taking care to squeeze out any air pockets in the adhesive. For a more secure finish make sure all boards are flush and tape over the seams using our **Reinforcing tape** (6015).

### Simple formula for insulation board quantity

$$\text{A single board} = 1.2\text{m}^2 \times 0.6\text{m}^2 = 0.72\text{m}^2$$

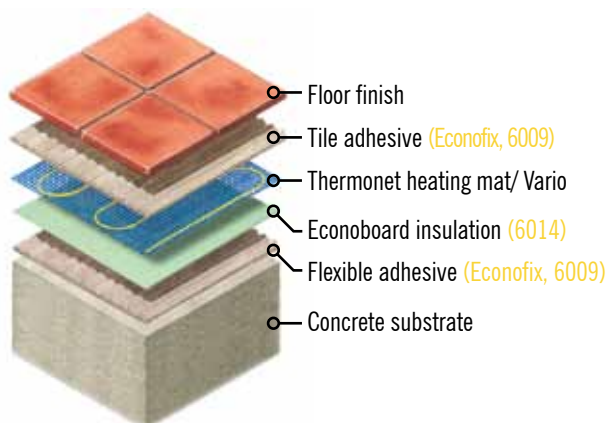
$$\frac{\text{Floor space (M}^2\text{)}}{0.72\text{m}^2} = \text{Number of boards}$$

#### ✓ PRO TIP

Spread enough adhesive for one board at a time to prevent adhesive drying between board application.

If you are installing our products in a wet room, you should now proceed with installation of the **Econoboard Tanking System**, (6200) to fully waterproof the room and guard against moisture.

### Floor build up example



### Final Checklist

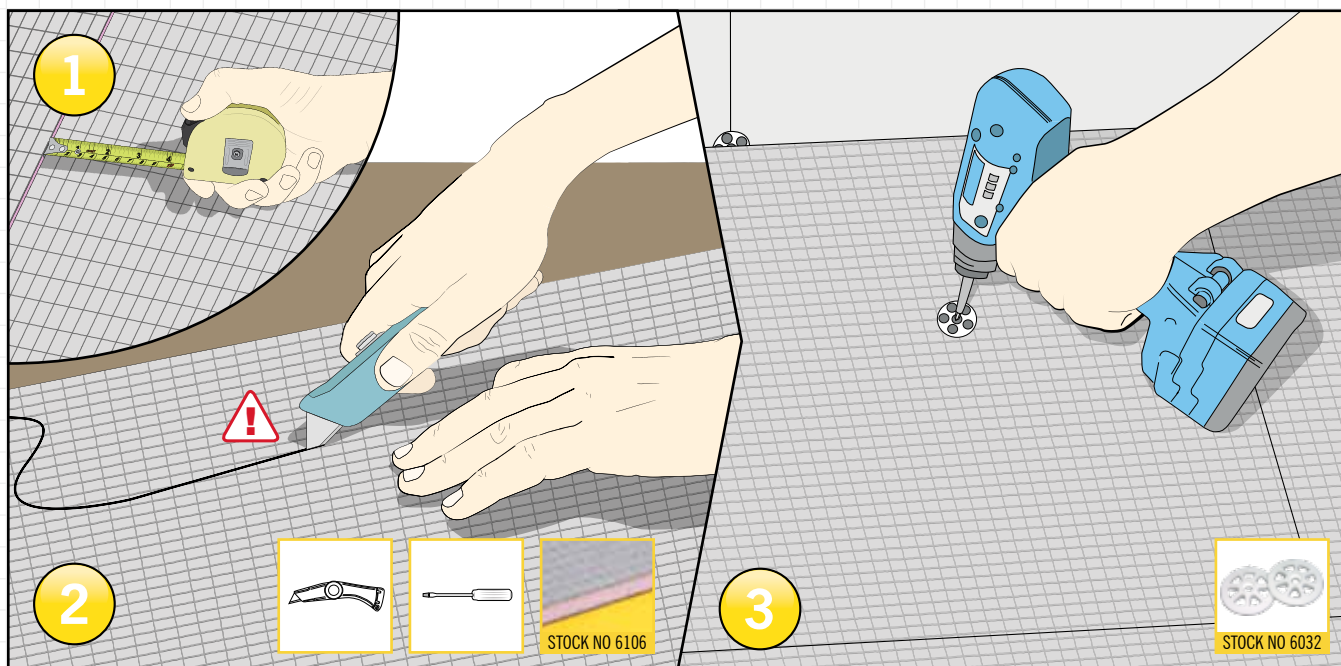
- STABLE & LEVEL SUBFLOOR
- FLEXIBLE TILE ADHESIVE FULLY CURED

### ! IMPORTANT SAFETY PRECAUTIONS !

- ENSURE THE SUBSTRATE IS SECURE, LEVEL, CLEAN AND FREE OF DUST BEFORE INSTALLING ECONOBOARD
- ENSURE ALL AIR POCKETS ARE SQUEEZED OUT WHEN LAYING THE ECONOBOARD ONTO ADHESIVE
- DO NOT LAY ON TOP OF UNDERFLOOR HEATING
- TAKE CARE TO ENSURE ALL JOINS ARE AS FLUSH AS POSSIBLE, TAPING IF NECESSARY
- ECONOBOARD WILL COMPRESS OR PUNCTURE UNDER LOW SURFACE AREA IMPACT



## Econoboard Coated: Insulating a timber substrate



### Econoboard coated: Installation steps

#### Step 1: Measure and plan your layout

First measure your floor space and calculate how many boards you'll need using the simple formula.

#### Step 2: Cutting your Econoboard Coated

If required, cut the econoboard coated to size to suit your room layout. Econoboard coated can be cut very easily using a sharp blade or wood saw. Please take appropriate care\*\*.

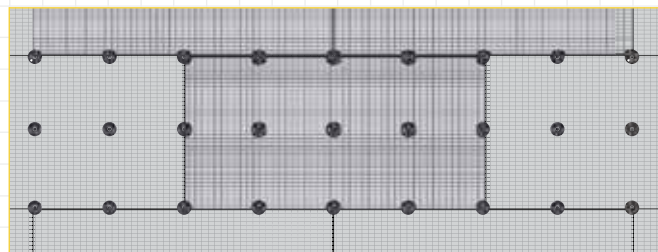
#### Step 3: Lay out and fix Econoboard Coated

Ensure your substrate is secure, clean and free of dust and loose particles. Set out your cut boards onto the floor space and fix in place using appropriate fixings. We recommend **32mm Fixing Screws**, (6017) and **36mm plastic fixing washers** (6032).

#### ✓ PRO TIP

Allow about 8 mechanical fixings per board, fixing in the middle of the board as well as round the perimeter and the join to the adjacent board (see below). This will maximise the strength and lateral stability of the floor.

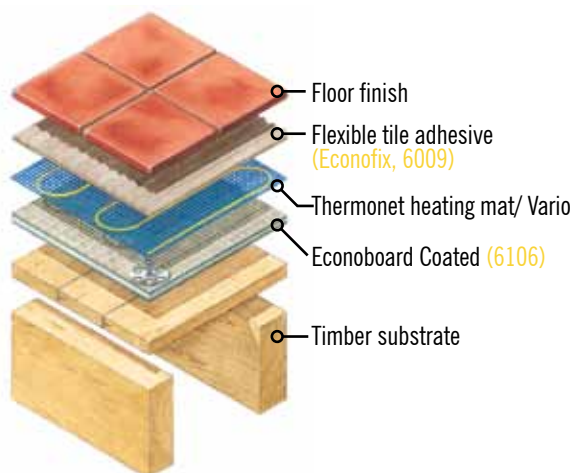
For a high quality finish make sure all boards are flush, and tape over the seams using **Reinforcing tape** (6015).



Your floor is now prepared and ready for our **Thermonet matting** or **Vario** cable underfloor heating system.

If you are installing our products in a wet room, you should now proceed with installation of the **Econoboard Tanking System**, (6200) to fully waterproof the room and guard against moisture.

### Floor build up example



### Final Checklist

- STABLE & LEVEL SUBFLOOR
- SECURELY FIXED TO SUBSTRATE

#### ! IMPORTANT SAFETY PRECAUTIONS !

- THIS INSULATION IS AN OVER SCREED APPLICATION AND NOT DESIGNED TO COVER BUILDING REGULATIONS
- ENSURE THE SUBSTRATE IS STABLE AND CLEAN BEFORE INSTALLING ECONOBOARD COATED
- DO NOT LAY ON TOP OF UNDERFLOOR HEATING
- MAKE SURE YOU DO NOT SCREW DOWN INTO WATER PIPES OR ELECTRICAL CABLES
- TAKE CARE TO ENSURE ALL JOIN'S ARE FLUSH AS POSSIBLE, TAPING IF NECESSARY

## Econoboard Coated Technical Specification

Stock Number	Thickness	Width	Length	Weight	U-Value
6106	6mm	600mm	1200mm	2.35kg	6.6w/m <sup>2</sup> k
6110	10mm	600mm	1200mm	2.37kg	3.66w/m <sup>2</sup> k
6112	12.5mm	600mm	1200mm	2.42kg	2.86w/m <sup>2</sup> k
6120	20mm	600mm	1200mm	2.59kg	1.74w/m <sup>2</sup> k
6130	30mm	600mm	1200mm	2.81kg	1.14w/m <sup>2</sup> k
6140	40mm	600mm	1200mm	3.03kg	0.85w/m <sup>2</sup> k
6150	50mm	600mm	1200mm	3.25kg	0.67w/m <sup>2</sup> k

## Econoboard Coated Technical Specification

Properties	Value
Compressive strength	300 kpa
Thermal conductivity	0.033w/m <sup>2</sup> k
Water absorption	0.6%
Density (foam core only)	36 Kg/m <sup>3</sup>
Temperature range	-50°C, +75°C
Fire performance	Class 0

## Econoboard Technical Specification

Stock Number	Thickness	Width	Length	Weight
6014	6mm	600mm	1200mm	2.35kg

## Econoboard Technical Specification

Properties	Value
Load Strength	72Kg/m <sup>2</sup>
Thermal conductivity	0.033w/m <sup>2</sup> k
Water absorption	0.3%
Tensile Strength	0.45N/mm <sup>2</sup>
Temperature range	-50°C to +75°C
Fire performance	Class B1

## CONTACT US ONLINE



Browse our full product range, watch videos, download product literature and get a quote, all on the Thermogroup UK website.

[WWW.THERMOGROUPEUK.COM](http://WWW.THERMOGROUPEUK.COM)

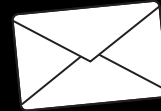
## CONTACT US BY PHONE



Got a question or query? Call our UK support line free from your land line.  
Open 07:30 – 16:30 Mon - Fri

**0800 019 5899**

## CONTACT US BY MAIL



Need to find us or want to write a letter to say hello? Feel free to contact us at Bridge House.

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