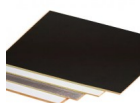


## Factoryboard



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Factoryboard Specification

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Factoryboard Installation Methodology (over\_purlin)

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Factoryboard Installation Methodology (under purlin)

Rating: Not Rated Yet

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### Description

Factoryboard is a rigid board manufactured from non-combustible Glasswool insulation. Available in 25, 40 or 50 mm thick. It can be supplied with an ASTM E-84 tested reinforced foil or white metalized foil. Alternative facings are also available (black metalized foil, white embossed vinyl or black non-woven glass tissue).

### QUALITY MANAGEMENT SYSTEM

Isover products are manufactured according to ISO 9001:2008.

### ENVIRONMENTAL SUSTAINABILITY

Isover products are manufactured according to ISO 14001:2004.

Less material, less energy and less emissions

- Zero ozone depleting potential (ODP)
- Zero global warming potential (GWP)



### FEATURES & BENEFITS

Life long energy savings

- Excellent thermal & acoustic properties
- Maintenance free

# Roofing : Factoryboard

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Long product life - will not readily age  
Significantly reduces heat loss/gains  
Made to size to reduce wastage

## THERMAL PROPERTIES

Contributes to indoor comfort and life long savings by reducing heat loss/gain due to the inherent thermal insulation properties.

## FIRE PROPERTIES

Foil:

Class 1 fire index rating - tested to SANS 10177 Part 3  
Class A1, s1, do according to EN-13823  
EUROCLASS A2 - EN 13501-1  
Tested to ASTM E-84  
Flame Spread Index: 10  
Smoke Development Index: 0

WMF:

Tested to ASTM E-84  
Flame Spread Index: 20  
Smoke Development Index: 15

## ACOUSTIC PROPERTIES

Offers exceptional acoustic properties & enhances indoor environmental quality by absorption of noise.



## APPLICATIONS

Multi-purpose wall cladding:  
Use 80 kg/m3 density  
Recommended to be installed in a grid system.

Over purlin roof insulation for new buildings or in a supporting grid system for existing buildings

Use 80 kg/m3 density in horizontal applications

Should not be installed in applications where the facing material is exposed to direct or indirect Ultraviolet radiation

## DURABILITY

Odourless, inert and fully compatible with all standard building materials & components  
Will not promote corrosion of steel, copper or aluminium  
Will not sustain vermin  
Will not breed or promote fungi, mould or bacteria.  
Non-hygroscopic  
Dust settlement will not hamper the products performance

## PHYSICAL PROPERTIES

Roof (m <sup>2</sup> /KW)	Thickness (mm)	Length (mm)	Width (mm)	Density (kg/m <sup>3</sup> )	k-value (W/m.K)	NRC Value	Qty / pallet
0.78	25	2400	1200	80	0.032	0.65	50 boards
1.25	40	2400	1200	80	0.032	0.75	35 boards
1.98	50	2400	1200	80	0.032	-	28 boards

Typical values and standard product dimensions  
\* Lengths can be tailor-made in metric units to the nearest 100 mm  
\* Maximum recommended lengths: 25 mm Board - 2.8 m, 40 & 50 mm Board - 3.2 m

## TOOLS NEEDED FOR INSTALLATION

Boards are manufactured to length – a sharp knife will be required should cutting be necessary.

### **INSTALLATION INSTRUCTIONS**

Take care when installing in windy conditions.

When installing over purlins, a C clip/metal saddle must be inserted through the board so that the roof sheet clip is fixed to the structure and not to the board.

Use H sections or T sections to span between the purlins to support the board along the longitudinal joint. Minimum recommended face width of T or H section - 35 mm.

For retro-fit roof insulation installations, it is recommended that Factoryboard be installed as a ceiling in a standard suspended grid system.

### **HANDLING & STORAGE**

Store product undercover, and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

### **ARCHITECTURAL SPECIFICATION**

Install (25/40/50)mm thick, rigid "Factoryboard" as an aesthetic, acoustic and thermal (wall cladding/suspended ceiling/over purlin roof insulation). Density 80 kg/m<sup>3</sup> faced with (reinforced foil/white metalized foil/black metalized foil/white embossed vinyl/black non-woven glass tissue). Install as per manufacturer's specifications.

### **Reviews**

There are yet no reviews for this product.