

# Product Data Sheet

## Knauf Windliner Board



**Knauf Windliner, easily identifiable by its terracotta external paper finish, is a specialist gypsum based external-grade sheathing board specifically designed for use with external wall systems.**

### Areas of Application

Exterior Sheathing Board.

### Compliance Standards

EN 520:2004 + A1:2009 E F & H1

### Key Benefits

- A2-s1, d0 Fire reaction classification - material of limited combustibility for buildings over 18m (UK)
- Once installed with Windliner tape and screws the system can be left exposed for up to 6 months
- Third Party independent accreditation with BBA certification
- Reduces the need for a breather membrane in system

### Performance Data

Thickness (mm)	Reaction to Fire (R2F)	Shear strength per fastener	Thermal conductivity (W/mK)	Water Vapour Resistance	Flexural Strength (F)	Density (kg/m <sup>3</sup> )	Dangerous Substances	Water absorption
12.5	A2-s1, d0 (B)	NPD	0.25	6.6 (EN ISO 12572:2001) 10.9 @ 23°C-0/50% r.L 6.3 @ 23°C-50/93 % r.L	Pass	815.2	Microsilica and cement possible in small quantities (avoid dust formation)	<5% EN520

## Technical information

Dimensions and Weights							
Thickness (mm)	Width (mm)	Length (mm)	Edge Type	Colour	Weight (kg/m <sup>2</sup> )	Material Number	Coverage (m <sup>2</sup> /board)
12.5	1200	2400	Square Edge	Terracotta	10.77	278923	2.88

## Sustainability

### Total Gypsum Recycled Content

Up to 22%

### Recyclability

Full Recyclable

## Storage and Handling

Packs should be lifted with a fork lift truck, the forks being set so there is an even weight distribution and no deformation of the pack. Ensure handling equipments of adequate capacity and that the personnel are advised of handling procedures and safety clothing. Carry the boards on the edge, two persons per board by supporting one long edge and gripping upper edge to avoid breaking due to flexing. Knauf Windliner must be stored flat in a clean dry environment on a flat surface. If timber bearers are used to store boards on site, they should be a minimum of 40mm wide and placed at a maximum of 450mm centres.

## Packaging

Knauf Windliner is supplied shrink wrapped on timber bearers.

## Disposal

Can be disposed of at an authorised landfill site in accordance with local or national regulations.

## Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

## Application / Installation

### 1. Cutting

Knauf Windliner can be cut on site using the score and snap

method. If trimming is required once the board is installed, a padsaw may be used.

### 2. Fixing

Boards are fixed in an upright position with both bound edges supported by a stud. Boarding should commence at the bottom of the panel filling in the section between columns. Board joints and exposed edges should be sealed with Knauf Windliner Tape.

The boards are lightly butted together and mechanically fixed to the studs at a maximum of 300mm centres (200mm around openings and to external corners) using Knauf Windliner Screws.

Knauf Windliner should be fixed at a maximum of 10mm from the vertical edge of the board and a maximum of 13mm from the horizontal edge of the board.

When forming corners, it is good practice that exposed edges of Knauf Windliner have bound edges. If exposed edges are unavoidable you should protect the edges with Knauf Windliner Tape whilst the boards are exposed.

### 3. Sealing

Joints between Knauf Windliner boards should be sealed using Knauf Windliner Tape. Exposed edges of cut to requirement boards are not required to be taped individually unless exposed to the elements. Taping is solely required for use to join the front face of the boards together or to relevant adjacent material to ensure water and weather tightness.

## Additional Documentation

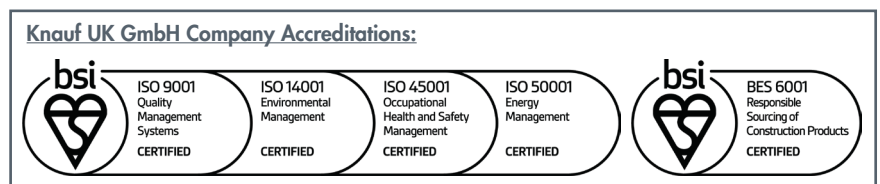
[Declaration of Performance UKCA](#)

[Declaration of Performance CE](#)

[Safety Data Sheet](#)

## Certification

[Environmental Product Declaration](#)



### Customer Service

UK Tel: 0800 521 050  
Eire Tel: 01 4620739  
Email: [cservice@knauf.com](mailto:cservice@knauf.com)

### Technical Service

Live Webchat: 09:00 – 17:00  
Email: [technical-uk@knauf.com](mailto:technical-uk@knauf.com)

### Website

[www.knauf.co.uk](http://www.knauf.co.uk)  
[www.knauf.ie](http://www.knauf.ie)

### Address

Knauf  
Kemsley Fields Business Park  
Sittingbourne  
Kent ME9 8SR

KML100498

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