



Product data sheet

Knauf Windliner

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.

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Performance & technical data
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Build on us.

Areas of application

Exterior Sheathing Board.

Compliance standards

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

Main 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

Creation date: 11/08/2023

Revision reference: 003

Revision date: 14/01/2026

Document owner: technical-uk@knauf.com

Product information

Performance data

Thickness (mm)	Reaction to Fire (R2F)	Shear strength per fastener	Thermal conductivity (λ)	Water Vapour Resistance (μ)	Flexural Strength (F)	Density (kg/m^3)	Dangerous Substances	Water absorption
12.5	A2-s1, d0 (B)	NPD	0.25	6.6 (EN ISO 12572:2001) 10.9 @ 23°C0/50% r.L 6.3 @ 23°C50/93 % r.L	Pass	862	Microsilica and cement possible in small quantities (avoid dust formation)	<5% EN520

Technical information

Square edge

Thickness (mm)	Width (mm)	Length (mm)	Colour	Weight (kg/m^2)	Material Number	Coverage (m^2/board)
12.5	1200	2400	Terracotta	10.77	278923	2.88

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Additional Information

Sustainability

Recycled content

11.90%

2023 average by mass for all UK produced plasterboards, recycled gypsum & paper

Recyclability

This product should be recycled separately to non-plasterboard waste. Please ensure it has no or minimal contamination from non-gypsum based materials, as this will affect its recyclability.

Substances of very high concern (SVHC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no SVHC. For more information please consult the safety data sheet which is linked on page 5 of this document.

Storage and handling

Product must be stored flat and on a surface strong enough to support them. Keep boards dry at all times. Refer to the HSE Manual Handling Operations Regulation for best practice guidance.

Packaging

Knauf Windliner is supplied shrink wrapped on timber bearers.

Disposal

Disposal should be in accordance with local authority requirements. Keep gypsum based products in their own recycling area to minimise contamination from non-gypsum based products. European Waste Catalogue code: 17 08 02

Health & safety

Please refer to the products safety data sheet which is linked on page 5, for guidance on personal protective equipment (PPE) 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

Additional information

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.

Product accreditations:



Knauf UK GmbH company accreditations:



Knauf supports neurodiversity and has audited this document to make it inclusive for all. Please contact the document owner for support with this document.

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Additional documentation

(Click or scan QR code to access)



Declaration of performance UKCA



Declaration of performance CE



Safety data sheet

Certification

(Click or scan QR code to access)



Environmental product declaration

Glossary

(Click or scan QR code to access)



Glossary