

Product data sheet

Knauf Performance Plus

Knauf Performance Plus is a high density plasterboard. It offers multiple performance benefits all in one solution. Use it for Knauf partitions and lining systems in moisture prone interiors where enhanced fire and acoustic performance is required.

Quick links

Performance & technical data
(Page 2)

Packaging, storage & safety
(Page 3)

Application & Installation
(Page 3 and 4)

Build on us.



Areas of application

Ideal for schools, hospitals and other large commercial projects.

Compliance standards

EN520 Type A, D, F, H1, I & R

Main benefits

- Enhanced levels of moisture resistance
- Tapered edge
- Fully recyclable
- Quick and easy to install
- Multiple layers can be used for added performance
- Provides a smooth surface ready for finishing

Creation date: 11/08/2023

Revision reference: 006

Revision date: 14/01/2026

Document owner: technical-uk@knauf.com

Product information

Performance data

Thickness (mm)	Reaction to fire (R2F)	Thermal conductivity (λ)	Water vapour resistance (μ) (dry/wet) (EN12524)	Plasterboard density (kg/m^3)
12.5	A2-s1, d0 (B)	0.25	10/4	920
15	A2-s1, d0 (B)	0.25	10/4	853

Technical information

Tapered edge

Thickness (mm)	Width (mm)	Length (mm)	Colour	Weight (kg/m^2)	Taper width (mm) (max/min)	Taper depth (mm) (max/min)	Number of tapered edges	Material number
12.5	1200	2400	Grey	11.5	80/40	2.5/0.6	2	400177
		3000	Grey	11.5	80/40	2.5/0.6	2	400185
15	1200	2400	Grey	12.8	80/40	2.5/0.6	2	400189
		3000	Grey	12.8	80/40	2.5/0.6	2	400195

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Additional Information

Sustainability

Recycled content

12.64%

2024 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 UK REACH and EU REACH regulations this product contains no SVHC. For more information please consult the safety data sheet which is linked on page 4 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

Product is stacked on recycled chipboard bearers which can be recycled with wood waste.

Pallet wrap is made from 30% recycled plastic content.

Service life

Subject to general use, service life of this product is 60 years and/or the lifetime of the building.

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 4, for guidance on personal protective equipment (PPE) required for the handling and installation of this product.

Application / installation

Typically installed as a part of a partition system, wall lining and ceiling system with Knauf fixings, jointing, taping and finishing products.

Use Knauf plasterboard screws at a distance of 300mm on horizontal joints and 10mm from bound edge and 13mm from unbound

Additional information

edges in from the edge of the board.

Knauf Jointing Compounds with Knauf Paper Joint Tape can be used to finish the joints followed by Knauf Wallboard Primer prior to decoration. Knauf Airless Finish can be spray applied to the board following the jointing process. No Wallboard Primer would be required if using Knauf Airless Finish to finish. It can also be direct bonded.

Should an alternative gypsum or surface finish be required, seek guidance from the supplier on application.

The type and number of layers of board used will influence the structural, fire, acoustic and thermal performance of the system.

All products must be installed in accordance with Knauf's recommendations and the current recommendations of BS 8000-8 2023.

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

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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