

Product data sheet

Knauf Soundshield Plus

Knauf Soundshield Plus is the ideal plasterboard where sound reduction is of particular importance. Its high mass gives an enhanced acoustic performance as well as excellent fire and impact resistance when used on Knauf systems.

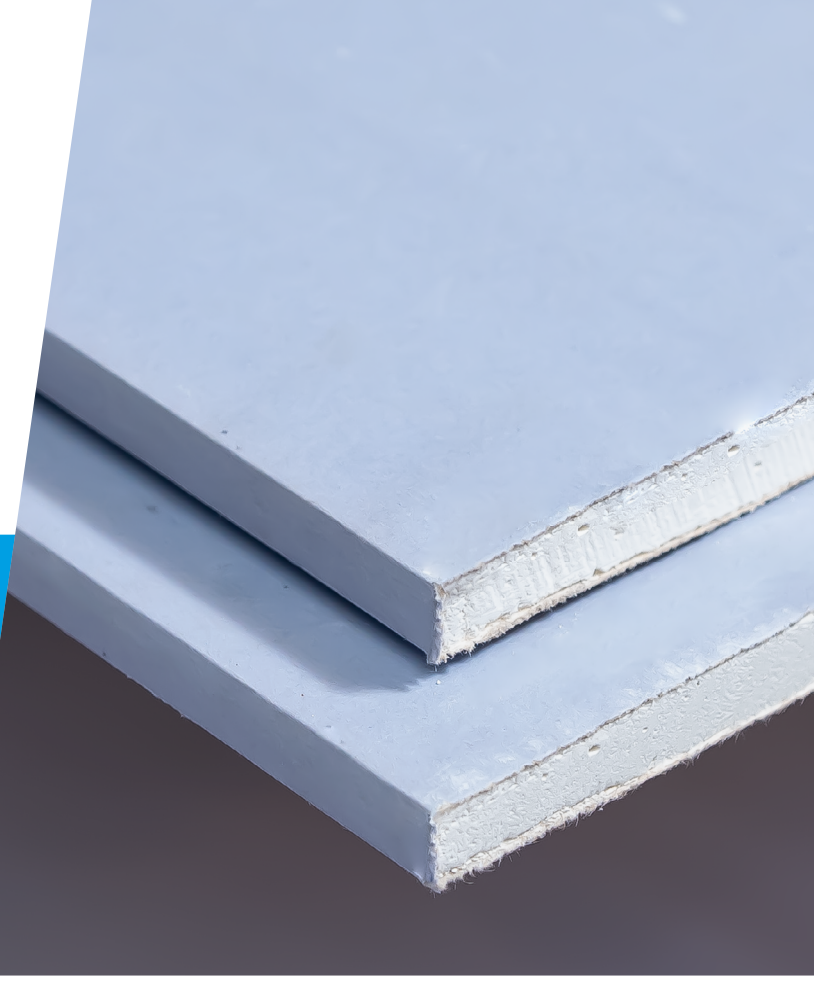
Quick links

Performance & technical data
(Page 2)

Packaging, storage & safety
(Page 3)

Application & Installation
(Page 3 and 4)

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Areas of application

Suitable for partitions, linings and ceilings where enhanced levels of sound resistance are required. Our 15mm board also offers increased impact and fire resistance over the 12.5mm variant. Soundshield Plus is not suitable for high humidity areas.

Compliance standards

12.5mm - EN520 A & D

15mm - EN520 A, D, F and I

Main benefits

- Strong and versatile
- Enhanced levels of sound performance
- Multiple layers can be used for added sound resistance

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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	887

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	Blue	11.5	80/40	2.5/0.6	2	292622
		2700	Blue	11.5	80/40	2.5/0.6	2	292620
		3000	Blue	11.5	80/40	2.5/0.6	2	292627
15	1200	2400	Blue	13.3	80/40	2.5/0.6	2	292646
		2700	Blue	13.3	80/40	2.5/0.6	2	292677
		3000	Blue	13.3	80/40	2.5/0.6	2	292678

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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

Additional information

from bound edge and 13mm from unbound 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 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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