

## Product Data Sheet

# Performance Plus



Knauf Performance Plus can be specified in numerous applications as it has a high density core. It can achieve high levels of sound, fire and humidity performance as well as impact resistance.

### Areas of Application

Ideal board for schools, hospitals and other large commercial projects.

### Compliance Standards

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

### Key Benefits

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

### Performance Data

Thickness (mm)	Reaction to Fire (R2F)	Thermal Conductivity (W/mK)	Water Vapour Resistance ( $\mu$ ) (Dry/Wet) (EN 12524)	Board Density (kg/m <sup>3</sup> )
12.5	A2-s1, d0 (B)	0.25	10/4	944
15	A2-s1, d0 (B)	0.25	10/4	853

## Technical Information

### Tapered Edge

Dimensions and Weights								
Thickness (mm)	Width (mm)	Length (mm)	Colour	Weight (kg/m <sup>2</sup> )	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

## Sustainability

### Total Gypsum Recycled Content

Up to 22%

### Recyclability

The product can be recycled, make sure 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.

### Volatile Organic Compound Content (VOC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no VOCs. For more information please consult the Safety Data Sheet.

## 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 non-recycled chipboard bearers and is not recyclable but it can be returned to Knauf.

Pallet wrap is made from 30% recycled material.

## Shelf Life/Service Life

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 our Safety Data Sheet for guidance on Personal Protection Equipment 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 edges in from the edge of the board.

Knauf Jointing Compounds with Knauf Paper Joint Tape can be used to finish the joints. Knauf Ready Mix Airless Finishes (RMF), can be spray applied to the board following the jointing process. No Wallboard Primer would be required if using RMF to finish. Betokontakt only required if plastering by a non-Knauf product.

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

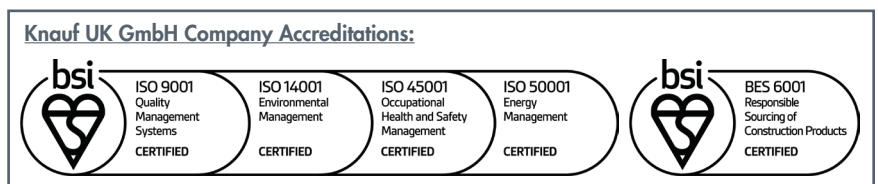
[Declaration of Performance UKCA](#)

[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

0800 521050 (option 2)  
Live Webchat 09:00 -17:00  
[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

KML100437

The information given in this publication is believed to be current and accurate as at the date of publication, but no warranty, express or implied is given. Updates will not be automatically issued.

© Copyright Knauf 2023

Creation Date: 11/08/2023  
Revision Reference: 001  
Revision Date: 11/08/2023