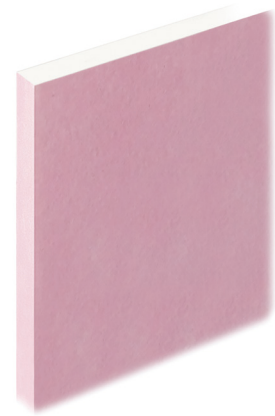


## Product Data Sheet

# Knauf Fire Panel



Knauf Fire Panel offers improved fire protection when used as part of a full Knauf system. Fire Panel can be used in applications that require greater fire protection in systems such as shaftwalls, I stud linings and partitions.

Made from aerated gypsum core, with premium paper liners on either side. Knauf Fire Panel can be finished with Knauf Jointing Products and Knauf Ready mix spray finish before decoration.

### Areas of Application

Suitable for partitions, walls and ceiling applications where superior fire protection is required.

Fire Panel is not suitable for areas of high humidity.

### Compliance Standards

EN520 Type A & F

### Key Benefits

- Strong and versatile
- Enhanced fire performance
- Choice of tapered or square 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) (EN12524)	Board Density (kg/m <sup>3</sup> )
12.5	A2-s1, d0	0.25	10/4	800
15	A2-s1, d0	0.25	10/4	800

## Technical Information

### Square 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	900	1800	Pink	10	0	0	0	613376
	1200	2400	Pink	10	0	0	0	243481

### 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	Pink	10	80/40	2.5/0.6	2	244412
		2700	Pink	10	80/40	2.5/0.6	2	243489
		3000	Pink	10	80/40	2.5/0.6	2	243493
15	1200	2400	Pink	12	80/40	2.5/0.6	2	243501
		2700	Pink	12	80/40	2.5/0.6	2	243507
		3000	Pink	12	80/40	2.5/0.6	2	243513

## 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 followed by Knauf Wallboard Primer prior to decoration. 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.

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

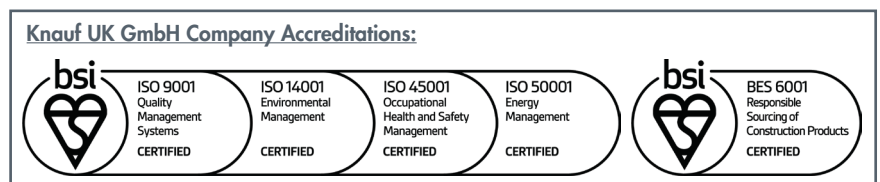
[Declaration of Performance UKCA](#)

[Declaration of Performance CE](#)

[Safety Data Sheet](#)

## Certification

[Environmental Product Declaration](#)



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