

KNAUF



**For every
application**

High-performance boards

Manufactured to EN 520

Wide range of sizes

Simple and fast to install

Knauf Plasterboards

A complete range of products and systems
for even the most demanding environments

Build for the world we live in

The right board for every application

Manufactured from the highest quality gypsum, our plasterboards are versatile, strong and easy to use.

Special additives are used to provide a full range of high-performance boards suited to acoustic, impact, fire-resisting and moisture-resisting applications.

Quick and simple to install and finish, our range covers everything you need to get the job done.

Excellent performance

With our comprehensive range of plasterboards the specifier can achieve anything from simple space division and separating walls, to lift shaft protection and X-ray shielding.

Variables of impact, sound, fire and moisture resistance extend the design possibilities, ensuring that all legislation and performance requirements can be met using the minimum number of components, cutting labour time and material cost.

Environmental responsibility

Knauf Plasterboards are manufactured in accordance with ISO 14001 and use 100% recycled paper liners from an FSC-certified paper mill. We use the most sustainable gypsum sources possible, and Knauf Drywall plasterboard factories only use flue gas desulphurised (FGD) gypsum, a recycled material created as a by-product of controlling emissions from coal-fired power stations.

KEY FACTS

High-performance plasterboards

Manufactured to EN 520

High recycled content across the range

Simple and fast to install

Used with Knauf Metal Sections and accessories to provide warranted systems





The new Knauf Plasterboard range

The new simplified Knauf Plasterboard range has been developed to meet all drylining requirements with as few different board types as possible, offering significant benefits to specifiers, installers and stockists alike.

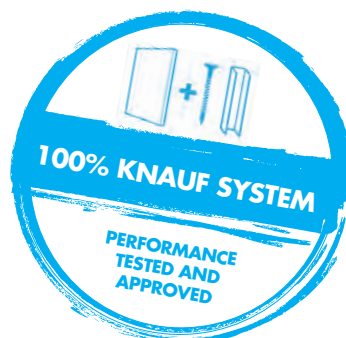
Knauf Wallboard is the cost-effective solution for many standard partition performance requirements. This performance can be enhanced - where additional acoustic, moisture, fire, vapour or impact resistance is required - by Knauf Sound Panel, Moisture Panel, Fire Panel, Vapour Panel and Impact Panel. But for more demanding commercial applications, Knauf Soundshield Plus and Knauf Performance Plus are designed to meet even greater levels of performance.

Knauf Soundshield Plus

Ideal for commercial projects where sound reduction is of particular importance. Its high-mass and tuned core give Knauf Soundshield Plus enhanced levels of acoustic performance as well as greater fire and impact resistance, making it the ideal plasterboard for severe duty applications.

Knauf Performance Plus

The highest levels of impact, fire, sound and moisture performance are now available all in one board, designed to meet the most challenging specification criteria. Knauf Performance Plus comes with an ivory paper face, making it easy to finish as well as to install, and can give 60 minutes' fire resistance from a single layer without the need for metal flat plates in horizontal joints and deflection heads. Knauf Performance Plus is the only plasterboard you'll need for demanding commercial environments, which means less complexity and less waste on site.



The new Knauf Plasterboard range



KEY	Wallboard	Vapour Panel	Moisture Panel	Fire Panel	Impact Panel	Sound Panel	Plank	Core Board	Soundshield Plus	Performance Plus
Edge Profile Board Weight 	<p>Strong and versatile, Knauf Wallboard is a cost-effective choice for partitions, linings and ceilings with standard performance requirements.</p>	<p>Knauf Vapour Panel has a metallised polyester foil creating an effective vapour barrier to limit moisture diffusion, ideal for lining external walls and roofs.</p>	<p>Knauf Moisture Panel has additives in the core which repel moisture making it suitable for kitchens and bathrooms and other areas prone to high humidity.</p>	<p>Knauf Fire Panel offers improved fire resistance. Up to an hour's fire resistance can be achieved with a single layer of 15mm Knauf Fire Panel each side of a Knauf Performer partition.</p>	<p>Knauf Impact Panel has a specially toughened, dense core to provide superb resistance to impact along with an excellent load capacity. Ideal for high-traffic areas such as corridors and staircases.</p>	<p>Knauf Sound Panel offers enhanced levels of sound performance and a greater density, making it ideal for residential applications or where a minimum of 10kg/m² is required.</p>	<p>Knauf Plank is 19mm thick making it a good acoustic 'mass' layer, ideal for reducing sound transmission in party walls and separating floors.</p>	<p>Knauf Core Board is specifically designed for use with the Knauf Shaftwall system. It offers the high levels of fire and moisture resistance required in lift shafts.</p>	<p>Knauf Soundshield Plus is the ideal plasterboard where sound reduction is of particular importance and also offers high fire and impact resistance, ideal for schools and hospitals.</p>	<p>Knauf Performance Plus, our highest specification plasterboard, is designed for use in commercial projects which demand high levels of sound, moisture, fire and impact resistance.</p>
Edge profile										
Thicknesses and weights	9.5mm 12.5mm 15mm	12.5mm 15mm	12.5mm 15mm	12.5mm 15mm	15mm	12.5mm	19mm	19mm	12.5mm 15mm	12.5mm 15mm
Widths available	900mm 1200mm	900mm 1200mm	1200mm	900mm 1200mm	1200mm	1200mm	600mm	600mm	900mm 1200mm	1200mm
Lengths available	1800mm 2400mm 2500mm 2700mm 3000mm	1800mm 2400mm 3000mm	2400mm 2700mm 3000mm	1800mm 2400mm 2700mm 3000mm	2400mm 3000mm	2400mm 2700mm	2400mm	3000mm	2400mm 2700mm 3000mm	2400mm 3000mm
EN classification	EN520 classification Type A	EN14190	EN520 classification Type A & H2	EN520 classification Type A & F	EN520 classification Type A, D, F, I, & R	EN520 classification Type A & D	EN520 classification Type A	EN520 classification Type A, D, F, H1, I, & R	EN520 classification Type A & D	EN520 classification Type A, D, F, H1, I, & R
Thermal conductivity	0.19 W/mK	0.19 W/mK	0.24 W/mK	0.24 W/mK	0.24 W/mK	0.24 W/mK	0.19 W/mK	0.24 W/mK	0.24 W/mK	0.24 W/mK

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