

Masonry Wall

vs

Drywall

Comparison

Usage	Crude and suitable for external walls	Slim and suitable for internal walls
Weight	1sq.m block wall = 125-150kg	1sq.m drywall partition= 25-50kg
Speed of installation	10sq.m/day	40-45sq.m/day(4 times faster)
Fire protection	Achieve 1-hour fire rating	Achieve 1-2 hour fire rating, integrity & insulation
General Sound Reduction	35-40 dB	40-50 dB
Wall surface	Course surface, crack easily formed	Easy to smooth and crack-free
Usage in humidity	Yes	Yes
Material Quality	Quality varies depends on supplier	Good quality assurance from Knauf
Site Cleanliness	Poor site cleanliness after construction	Good site cleanliness after construction
Environmentally Friendly	Exhausting the earth	Made with 100% FGD/ 100% recyclable

Knauf Plasterboards



As part of our policy continuous product development, we reserve the right to revise specifications without notice. The information given in this publication is provided for guidance only and is correct to the best of our knowledge and belief. It is inevitably generalized and user should satisfy themselves as to the suitability for the specific circumstances in which they seek to apply it. The information given in this document is believed to be current and accurate as at the date of publication, but no warranty express or implied is given. Updates will not automatically be issued.


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The right board for every application
Our plasterboards are strong, light and easy to use. Special additives are used to provide a range of boards suited to acoustic, impact, fire-resisting and moisture-resisting applications, and even projects requiring combinations of properties. Simply and rapidly installed and finished, our range covers everything you need to get the job done.

The new Knauf Plasterboard range

Key


Edge Profile



















Tapered Edge

*All of the Plasterboards are Tapered Edge

Board Weight



kg/m

	Regular board	Moistureshield	Fireshield	Denseshield	Soundshield	Silentboard
	 <p>Strong, versatile and great value, Knauf Regular board is the key cladding component in the majority of partitions, linings and ceilings.</p>	 <p>Knauf Moistureshield is a high performance plasterboard which has additive in the core to repel moisture for use in internal areas of high humidity and temporary external exposure.</p>	 <p>Knauf Fireshield Offers improved fire resistance drywall. 1 hour F.R.P. can be achieved with a single layer each side of partition, and up to 2 hours F.R.P. with double layers.</p>	 <p>Knauf Denseshield is an impact resistant plasterboard with dense core to offer toughness, superb resistance to knocks and impact by public, durability and excellent load carrying capacity (Related to BS5234). Also provide 1-2 hour F.R.P. like KNAUF Fireshield</p>	 <p>Use Knauf Soundshield where sound reduction and increased privacy is a particular importance. Soundshield has a tuned, dense core to absorb sound energy. Soundshield can provide a thin and great sound reduction wall.</p>	 <p>Knauf Silentboard is a revolution in drywall acoustic performance. Knauf Silentboard partitions are ideal for use in cinemas, nightclubs and other applications where exceptionally high sound performance is required. Silentboard can combine with Soundshield to provide various acoustic drywall systems to suit different requirements.</p>
Thickness and weights	9.5mm  6.8 12mm  8.7 12.5mm  9.2 15mm  11.6	12mm  8.8	12.5mm  11.3 15mm  13.1	12.5mm  12.1	12.5mm  12.1	12.5mm  17.5
Standard Width and Length	1220x2440mm (4x8 ft)	1220x2440mm (4x8 ft)	1220x2440mm (4x8 ft)	1220x2440mm (4x8 ft)	1220x2440mm (4x8 ft)	625x2000mm 625x2500mm
Classification	BS1230 part1 EN520 BS476 part4,6,7 EN13501-1	BS1230 part1 EN520 BS476 part4,6,7 EN13501-1	BS1230 part1 EN520 BS476 part4,6,7 EN13501-1	BS1230 part1 EN520 BS476 part4,6,7 EN13501-1	BS1230 part1 EN520 BS476 part4,6,7 EN13501-1	EN520 EN13501-1
Density (kg/m³)	725	735	890	980	950	1400
Thermal conductivity (k value)	0.16 W/mk	0.16 W/mk	0.24 W/mK	0.24 W/mK	0.24 W/mK	0.26 W/mK

For the special dimension and thickness, Please contact with KNAUF