

PLASTERBOARD PRODUCTS AND APPLICATIONS





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INTRODUCTION

Today Knauf is one of the world's leading manufacturers of modern insulation materials, drylining systems, plasters and accessories, thermal insulation composite systems, floor screed, floor systems, and construction equipment and tools. With more than 300 production facilities and sales organisations in over 90 countries, 40,000 employees worldwide, and sales of 12.6 billion Euro, the Knauf Group is without doubt one of the big players on the market – in Europe, the USA, South America, Russia, Asia, Africa, and Australia.

Knauf's aim is to be the market leader for safe, healthy, and comfortable design of living spaces. With the most experienced, talented, and diversified people operating over 30 production facilities across the APAC region, we deliver the high-quality products required for the construction of sustainable, safe and comfortable buildings. With an extensive distribution and sales network, our dedicated teams provide expertise backed by unparalleled quality service to provide the right solutions for your needs.

At Knauf, we are committed to delivering only the best to you – our customers and partners. For more information on Knauf refer to knaufapac.com

Plasterboard

Invented by USG (part of Knauf Group) more than 100 years ago, plasterboard has become the most common dry lining material for walls and ceilings in modern building construction. A breakthrough SHEETROCK® technology developed by USG in recent years has resulted in a lighter and at the same time stronger product than standard plasterboard.

Manufactured on a continuous production line, plasterboard is comprised of a specially formulated gypsum core, encased between paper liners. Locally manufactured Knauf plasterboard products utilise naturally occurring gypsum and 100% recycled paper.

Plasterboard sheets are commonly available in 1200mm and 1350mm widths and have recessed longitudinal edges facilitating a smooth, seamless joint finish. Knauf plasterboard products meet the requirements of AS/NZS 2588 Gypsum plasterboard.

PLASTERBOARD REFERENCE GUIDE

	Hehry	FIGHT	FIRE	SOUND	^{£CHO}	IMPACT	MODERATE IMPACT	HIGH	VERY HIGH	LE MOULD	*:RAY	STOR GECA
SHEETROCK® ONE	9											
SHEETROCK® HD				(J)								
SOUNDSTOP®				①								
WETSTOP™		•		1								
FIRESTOP®			(a)	①								
FIRE WETSTOP™			(b)	(J)								
MULTISTOP™ 3			•	1		₹						
MULTISTOP™ 4			•	(J)		(M)						
MULTISTOP™ 5		(a)	(A)	1		(M)				*		
MULTISTOP™ 3 HI			(A)	(J)								
MULTISTOP™ 4 HI			•	3								
MULTISTOP™ 5 HI			•	①						③		
SHAFTLINER MOULDSTOP™		•	•	1						③		
FLEXIBOARD®												
X-Block®			(b)	①								
ECHOSTOP®					<u></u>							



1.0

SHEETROCK® PLASTERBOARD

Developed to reduce complexity and improve supply, SHEETROCK® ONE is a single 10mm plasterboard solution for residential wall and ceiling applications.

solution for residential wall and ceiling applications.

Providing the opportunity for faster construction, and taking up less space on site, SHEETROCK ONE® by Knauf can improve efficiencies project-wide.

1.0 SHEETROCK PLASTERBOARD



SHEETROCK® ONE

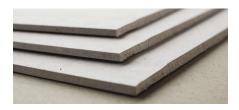
Thickness (mm)	Midth (man)	Length (mm)								
Thickness (mm)	Width (mm)	2400	2700	3000	3600	4200	4800	5400	6000	
	SHEETROCK® ONE Recessed Edge									
10	1200	✓	✓	1	1	1	1		✓	
10	1350			1	✓	1	1		✓	
		SHEET	ROCK® ONE	Recessed Ed	ge / Square E	dge				
40	1200								✓	
10	1350								✓	

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

SHEETROCK® HD

Thickness (mm)	Width (mm)		Length (mm)							
Thickness (mm)	Width (mm)	2400	2700	3000	3600	4200	4800	5400	6000	
	SHEETROCK HD Recessed Edge									
42	1200		✓	1	1		1		✓	
13	1350			1	1		1			

SHEETROCK® PLASTERBOARD



1.1 SHEETROCK® ONE

SHEETROCK ONE is Knauf's state-of-the-art lightweight two in one application plasterboard for residential walls and ceilings. Utilising a unique patented formulation and encased in a strong 100% recycled paper liner, this plasterboard has a high strength-to-weight ratio and is ideal for a wide range of residential internal applications where fire resistance ratings, impact and water resistance is not required.

SHEETROCK ONE is available in lengths up to 6 metres to minimise jointing, providing a surface suitable to a wide range of decorative finishes.

Advantages

- Lightweight, easy to install and handle
- One board for wall and ceiling applications
- SHEETROCK core technology provides excellent score and snap leading to cleaner cut edges
- Eliminates incorrect application and installation on site
- Reduce waste with better utilisation of offcuts

Feature	Description
Thickness	10mm
Edge Profiles	Recessed Edge, Recesseed Edge / Square Edge
Paper Colour	Buff
Mass	5.9 kg/m ² nominal



1.2 13mm SHEETROCK® HD

13mm SHEETROCK HD board is Knauf's engineered lightweight and stronger alternative to Knauf's previous standard 13mm plasterboards.

13mm SHEETROCK HD is available in a recessed edge profile, with lengths up to 6 metres, to minimise jointing. The plasterboard panels feature a patented high strength-to-weight composite design and a core that allows for a sharper score and snap than standard plasterboard.

It is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.

- Lightweight, high strength-to-weight composite design
- Greater rigidity for ease of handling and installation
- Easy to cut, mitre and clean up
- Consistent profiles with clean lines

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	Buff
Mass	8.5 kg/m ² nominal



The widest range of high performance, technical plasterboards, which allow you to customise design solutions to your project.



SOUNDSTOP®

Thickness (mm)	Width (mm)		Length (mm)							
Thickness (mm)	vviaui (iiiiii)	3000	3600	4800						
		SOUNDSTOP Rece	essed Edge							
40	1200		✓	✓						
10	1350			✓						
42	1200		✓							
13	1350		✓							



2.1 10mm SOUNDSTOP®

10mm SOUNDSTOP plasterboard is specifically developed for use in acoustic systems to control the amount of noise transfer between rooms in residential construction.

10mm SOUNDSTOP plasterboard is used in high-performance Knauf acoustic wall and ceiling systems not requiring fire-rating properties such as QUIETZONE®, CINEMAZONE® and other proprietary systems where reducing sound transfer from one room to another is required.

It is also used in fire rated systems, such as PARTIWALL®, to satisfy the relevant acoustic provisions of the National Construction Code (NCC).

Advantages

- High acoustic performance
- Internal wall and ceiling system applications

Feature	Description
Thickness	10mm
Edge Profiles	Recessed Edge
Paper Colour	Yellow
Mass	9.0 kg/m ² nominal



2.2 13mm SOUNDSTOP®

13mm SOUNDSTOP plasterboard is also specifically engineered for use in high performance acoustic wall and ceiling systems not requiring fire-rating such as QUIETZONE, CINEMAZONE and other proprietary systems where reducing sound transfer from one room to another is required.

It is also used in fire rated systems, such as PARTIWALL, to satisfy the relevant acoustic provisions of the National Construction Code (NCC).

13mm SOUNDSTOP is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.

- High acoustic performance
- Internal wall and ceiling applications

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	Light yellow
Mass	11.8 kg/m² nominal



WETSTOP™

Thickness (mm)	Width (mm)	Length (mm)									
Thickness (mm)		2400	2700	3000	3600	4200	4800	5400	6000		
	WETSTOP Recessed Edge										
10	1200	✓		✓	✓	✓	✓				
10	1350				✓			✓			
42	1200			1							
13	1350			1							

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

FIRESTOP®

Thickness (mm)	Midth (man)	Length (mm)								
Thickness (mm) Width (Width (mm)	2400	2700	3000	3600	4200	5400	6000		
	FIRESTOP Recessed Edge									
42	1200		✓	✓	✓					
13	1350				1					
46	1200	✓		1	✓					
16	1350			✓						

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

FIRE WETSTOP™

Thickness (mm)	Width (mm)	Length (mm)									
Thickness (mm)	Width (mm)	2400	2700	3000	3600	4200	5400	6000			
	FIRE WETSTOP Recessed Edge										
13	1200				✓						
16	1200				✓						

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.



2.3 WETSTOP™

WETSTOP is recessed edge plasterboard with a water resistant core, designed to satisfy regulatory requirements for wet area applications in non fire-rated systems.

WETSTOP is ideal for the internal lining of wet areas in bathrooms, showers, laundries, toilets and external protected ceilings.

It is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.



2.4 FIRESTOP®

FIRESTOP is specifically formulated fire-resistant core plasterboard providing an ideal solution for projects where specific fire-resistance ratings are required in partition wall and ceiling systems.

FIRESTOP is utilised in MULTIFRAME™, PARTIWALL®, INTRWALL® and other proprietary systems providing lightweight fire and acoustic performance.

FIRESTOP is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.



2.5 FIRE WETSTOP™

FIRE WETSTOP is ideal for a wide range of wall and ceiling applications that require wet area fire-rated partition systems.

FIRE WETSTOP is suitable for showers, bathrooms or fire-rated external wall linings protected by exterior cladding.

FIRE WETSTOP is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.

Advantages

- Water resistant lining
- Wet area internal wall and ceiling applications
- Economical wet area lining
- Suitable surface for tiling

Feature	Description			
Thickness	10mm & 13mm			
Edge Profiles	Recessed Edge			
Paper Colour	Blue			
Mass	7.2 kg/m² (10mm) nominal 9.2 kg/m² (13mm) nominal			

Advantages

- Fire resistant
- High acoustic performance

Feature	Description
Thickness	13mm & 16mm
Edge Profiles	Recessed Edge
Paper Colour	Pink
Mass	10.5 kg/m ² (13mm) nominal 13.0 kg/m ² (16mm) nominal

- Fire resistant
- Water resistant
- High acoustic performance
- Suitable surface for tiling

Feature	Description			
Thickness	13mm & 16mm			
Edge Profiles	Recessed Edge			
Paper Colour	Blue/Grey			
Mass	10.8 kg/m² (13mm) nominal 13.4 kg/m² (16mm) nominal			



MULTISTOP™ 3

Thickness (mm)	Width (mm)	Length (mm)						
THICKIESS (IIIII)	vvidir (mm)	2400	3000	3600	4800	6000		
MULTISTOP 3 Recessed Edge								
42	1200			√				
13	1350			1				

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

MULTISTOP™ 4

Thickness (mm)	Width (mm)	Length (mm)							
		2400	3000	3600	4800	6000			
MULTISTOP 4 Recessed Edge									
13	1200			✓					
MULTISTOP 4 Recessed Edge									
16	1200			✓					

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

MULTISTOP™ 5

Thickness (mm)	Width (mm)	Length (mm)						
		2400	2700	3000	3600	4200	5400	6000
MULTISTOP 5 Recessed Edge								
13	1200				✓			



2.6 MULTISTOP™ 3

MULTISTOP 3 is an excellent solution for projects demanding multiple functioning applications from internal linings. It is suitable for a wide range of wall and ceiling applications, ideal for high traffic areas requiring fire, impact and sound resistance.

MULTISTOP 3 plasterboard is certified by Good Environmental Choice Australia (GECA) and may contribute to the achievement of Green Star points.



2.7 MULTISTOP™ 4

MULTISTOP 4 is an ideal solution for projects demanding multiple requirements from internal linings incorporating fire, impact, sound and water resistance. It is suitable for a wide range of wall and ceiling applications, ideal for hospitals, schools and environments where a multi-performance board is required.

MULTISTOP 4 plasterboard is certified by Good Environmental Choice Australia (GECA) and may contribute to the achievement of Green Star points.



2.8 MULTISTOP™ 5

MULTISTOP 5 is an ideal solution for projects demanding multiple requirements from internal linings incorporating fire, impact, sound, mould and water resistance. MULTISTOP 5 is suitable for a wide range of wall and ceiling applications, ideal for hospitals, schools and environments where a multi-performance board is required.

MULTISTOP 5 plasterboard is certified by Good Environmental Choice Australia (GECA) and may contribute to the achievement of Green Star points.

Advantages

- Fire resistant
- Impact resistant
- High acoustic performance

Feature	Description		
Thickness	13mm		
Edge Profiles	Recessed Edge		
Paper Colour	Light green		
Mass	12.0 kg/m² nominal		

Advantages

- Fire resistant
- Impact resistant
- High acoustic performance
- Water resistant

Feature	Description			
Thickness	13mm & 16mm			
Edge Profiles	Recessed Edge			
Paper Colour	Light green			
Mass	12.0 kg/m² (13mm) nominal 14.6 kg/m² (16mm) nominal			

- Fire resistant
- Impact resistant
- High acoustic performance
- Water resistant
- Mould resistant

Description
13mm
Recessed Edge
Light green
12.0 kg/m² nominal



MULTISTOP™ 3 HI

	Thickness (mm)	Width (mm)	Length (mm)					
			2400	3000	3600	4800	6000	
			MULTI	STOP 4 HI Recessed	Edge			
	13	1200			✓			

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

MULTISTOP™ 4 HI

Thickness (mm)	Width (mm)	Length (mm)					
Thickness (mm)	width (mm)	2400	3000	3600	4800	6000	
MULTISTOP 4 HI Recessed Edge							
42	1200			✓			
13	1350			✓			

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

MULTISTOP™ 5 HI

Thickness (mm)	Middle (mane)	Length (mm)						
	Width (mm)	2400	2700	3000	3600	4200	5400	6000
MULTISTOP 5 HI Recessed Edge								
42	1200				✓			
13	1350				✓			



2.9 MULTISTOP™ 3 HI

MULTISTOP 3 HI is a multi- performance plasterboard with an embedded fibreglass mesh backing to provide high resistance to both soft and hard body impacts.

MULTISTOP 3 HI is suitable for projects that demand multiple functioning applications from internal linings, incorporating fire, high impact and sound resistance.



2.10 MULTISTOP™ 4 HI

MULTISTOP 4 HI is an ideal solution for projects demanding multiple requirements from internal linings, incorporating fire, impact, sound and water resistance.

MULTISTOP 4 HI is suitable for a wide range of applications, ideal for hospitals, schools and environments where a multi-performance board is required.



2.11 MULTISTOP™ 5 HI

MULTISTOP 5 HI is an ideal solution for projects demanding multiple requirements from internal linings, incorporating fire, impact, sound and water resistance.

MULTISTOP 5 HI is suitable for a wide range of applications, ideal for hospitals, schools and environments where a multi-performance board is required.

Advantages

- Higher impact resistance to incidental collision than MULTISTOP 3
- Fire resistant
- High acoustic performance

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	Light green
Mass	12.0 kg/m ² nominal

Advantages

- Higher impact resistance to incidental collision than MULTISTOP 4
- Fire resistant
- Water resistant
- High acoustic performance

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	Light green
Mass	12.0 kg/m² nominal

- Higher impact resistance to incidental collision than MULTISTOP 5
- Fire resistant
- Water resistant
- High acoustic performance
- Mould resistant

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	Light green
Mass	12.0 kg/m ² nominal



SHAFTLINER MOULDSTOP™

Thickness (mm) Midth (mm)		Length (mm)				
Thickness (mm)	Width (mm)	3000 3600				
SHAFTLINER MOULDSTOP Bevelled Edge						
25	600	✓	✓			

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

FLEXIBOARD®

Thickness (news) Midth (news)		Length (mm)						
Thickness (mm)	Width (mm)	2400	2700	3000	3600	4200	5400	6000
	FLEXIBOARD® Recessed Edge							
6.5	1200				✓			



2.12 SHAFTLINER MOULDSTOP™

SHAFTLINER MOULDSTOP panels are specially manufactured fire-stop plasterboard panels, developed for use in Knauf SHAFTWALL™ systems to provide fire protection for elevator shafts, vertical ducts and other applications where installation is possible from one side only.

SHAFTLINER MOULDSTOP panel is 25mm thick, 600mm wide bevelled edge firerated plasterboard utilised in PARTIWALL®, INTRWALL® and SHAFTWALL systems. SHAFTLINER MOULDSTOP is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.

Advantages

- Fire resistant
- Lightweight construction
- Superior acoustic performance
- Mould resistance
- Moisture resistance



2.13 FLEXIBOARD®

FLEXIBOARD is a 6.5mm thick plasterboard specially formulated for curved surface applications. This includes curved walls, arches, ceilings and feature panels for both commercial and residential applications.

Ideal for convex and concave designs, the feature strength core allows it to bend tightly.

The core is encased in a strong 100% recycled paper liner, with recessed long edges enclosed within a complete paper fold. FLEXIBOARD produces a smooth flush finish when jointed, providing a superior surface that accepts a wide range of decorative finishes.

- Decorative curved surface applications
- Easy installation
- Internal wall and ceiling applications

Feature	Description
Thickness	25mm
Edge Profiles	Bevelled Edge
Paper Colour	lvory
Mass	20.5 kg/m ² nominal

Feature	Description
Thickness	6.5mm nominal
Edge Profiles	Recessed Edge
Paper Colour	Yellow
Mass	4.1 kg/m² nominal



Images courtesy of The Royal Children's Hospital (RCH)

GIB X-BLOCK®

Thistenana (man) Middle (man)				Length (mm)		
Thickness (mm)	Width (mm)	2400	3000	3600	4800	6000
	GIB)	K-BLOCK Recessed B	Edge			
13	1200		✓			

Subject to change and based on state availability. To confirm availability of above sizes please contact your local Knauf outlet or distributor.

ECHOSTOP®

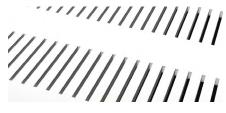
Thickness (mm) Width (mm)		Length (mm)				
mickness (min)	vviain (mm)	2400	3000	3600	4800	6000
	ECHOSTOP Recessed Edge					
12.5	1200	✓				



2.14 GIB X-BLOCK®

GIB X-BLOCK plasterboard provides X-ray radiation protection within radiography departments and medical facilities.

Containing Barytes, GIB X-BLOCK radiation shielding systems form an effective barrier against X-ray radiation without the need for a lead lining. GIB X-BLOCK jointing compound is required to be used with GIB X-BLOCK plasterboard to provide a uniform X-ray radiation barrier. GIB X-BLOCK also offers high sound insulation performance and fire ratings.



2.15 ECHOSTOP®

ECHOSTOP is a perforated plasterboard designed to create a decorative finish, while providing a high level of sound absorption to the space. It is suitable for full ceiling installation or feature panels on internal walls or ceilings. Created for sound absorption treatment, ECHOSTOP is available in 5 stylish designs with either slotted, square or round perforations to suit multiple design applications.

ECHOSTOP contains 10% recycled gypsum and is encased in a 100% recycled paper. The back of ECHOSTOP has a black acoustic fabric.

ECHOSTOP® profiles

Slotted 82.5mm



Round 6mm



Slotted 101.5mm



Round 13.5mm



Square 12mm



Advantages

- X-Ray radiation barrier system
- Cost effective compared to lead lined alternative systems
- Fire resistance
- Acoustic performance
- Uniformity with Knauf plasterboard and jointing systems

Feature	Description
Thickness	13mm
Edge Profiles	Recessed Edge
Paper Colour	White
Mass	17.2 kg/m² nominal

- Reduces reverberation (echo)
- Sound absorptive fabric, also acts as a dust barrier
- Decorative and stylish appearance

Feature	Description
Thickness	12.5mm
Edge Profiles	Recessed Edge
Paper Colour	Buff liner paper face / Black acoustic fabric backing
Mass	10.0kg/m ² nominal



KNAUF SERVICES





TecASSISTTM - 1800 811 222

Our National TecASSISTTM helpline is available to answer technical questions and provide free advice to builders, contractors, architects, engineers and home owners throughout Australia.

There are many variables that can influence construction projects, which affect whether a particular construction technique is appropriate. Before proceeding with any project, we recommend you obtain professional advice to ascertain the appropriate construction techniques to suit the particular circumstances of your project. We recommend you use qualified tradespersons to install this system.

The technical information contained in this manual was correct at the time of printing. Building systems, details and product availability are, however, subject to change. To ensure the information you are using is current, Knauf recommends you review the latest building information available on the Knauf website.

For further information, contact TecASSIST $\!^{\text{TM}}$ or your nearest Knauf sales office.



WHERE TO BUY

1800 003 377

If you are wondering where to buy plasterboard and other building materials such as cornice, compounds, ceilings and plastering tools, you can be confident that wherever you are located in Australia, you will be able to find a convenient Knauf store or stockist near you using our store finder.



DOCUMENT FINDER

knaufapac.com/au/resources

Find a Knauf product brochure, installation manual, Product Data Sheet or Whitepaper with the document finder tool.

See **knaufapac.com** for the most up-to-date product information.

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