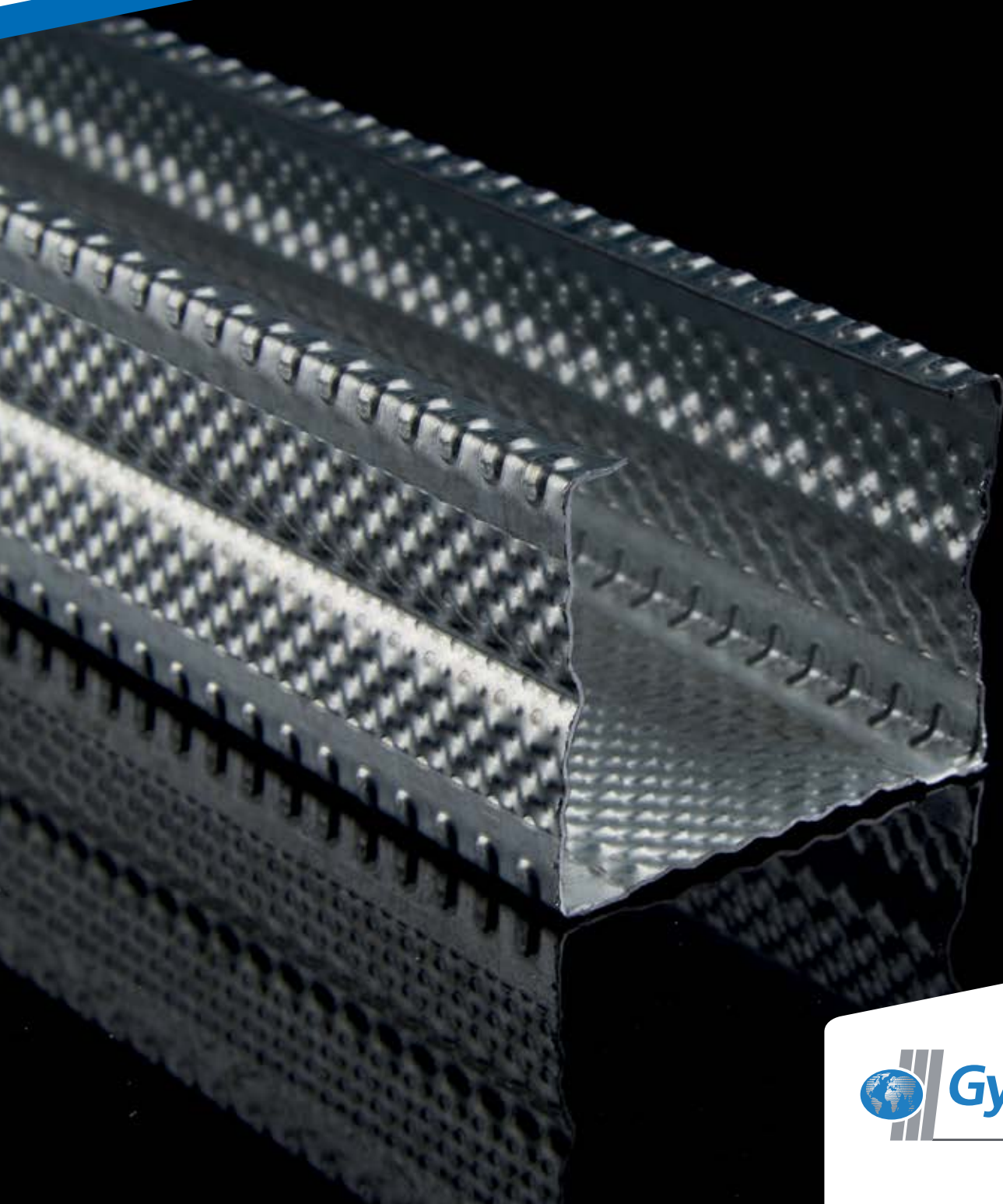


# Gypframe Metal

## Product Guide





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# INTRODUCTION

The modern, engineered alternative to traditional timber and blockwork construction, Gypframe-based wall, ceilings and floor systems are quicker and easier to install, whilst meeting the highest performance requirements.

Up to 50% lighter than equivalent timber systems and 70% lighter than blockwork. Gypframe metal products are easier to transport and offer a high strength to weight ratio for guaranteed performance and long life.

Gypframe components are easy to cut on site, non-flammable and won't rot, twist or warp due to weather. They can be stored outside and installed in any weather, making it easier to schedule work.

Gypframe profiles are manufactured using the patented UltraSTEEL® process and conform to EN 14195. This process gives the components extra strength, makes fixing easier and improves screw retention and pull-out by up to 20%.

The fire resistance and sound insulation performances are for imperforate (e.g. sealed and airtight) partitions, walls and ceilings incorporating boards with all joints taped, filled and skimmed where required according to Gyproc's recommendations. The quoted performances are achieved only if Gyproc components are used throughout, and the Company's fixing recommendations are strictly observed. Any variation in the specifications should be checked with the Gyproc Technical Department.





# GYPFRAME METAL PRODUCTS

## What makes Gypframe unique

Precision engineered using the unique UltraSTEEL® rigidisation process, Gypframe metal sections look and perform differently to any other range of metal framing.

### Benefits of Gypframe

- Stronger, gauge for gauge, than any other range, but is equally lightweight, making it easier to unload, handle and install.
- Allows walls to be built to greater heights with light gauge material.
- Superior screw fixing and retention ensure that lining panels can be quickly, accurately and securely anchored for guaranteed system performance.

So, accept no substitutes. Only by using genuine Gypframe metal products in your Gyproc systems can you have the warranted performance and certainty of a durable, robust wall, floor or ceiling system that will stand the test of time – they have quality and strength written all over them.

### Gypframe reference codes and abbreviations

With Gypframe Studs and Channels, the first two or three digits refer to the component width, the letters refer to the component type and the last two digits indicate metal thickness or gauge in microns – e.g. 60 I 50 refers to 60mm 'I' Stud 50 microns (or 0.50mm) gauge. Most components are manufactured using the patented UltraSTEEL® process giving equivalent systems performance to alternative systems using standard metal of heavier gauges.

Key	Component	Flange dimension mm
S	'C' Stud	32/34
I	'I' Stud	38
AS	AcouStud	41/44
FEC	Folded Edge Channel	32
FE-DC	Folded Edge Deep Flange Floor & Ceiling Channel	50
EDC	Extra Deep Flange Floor & Ceiling Channel	70
JC	J Channel	50/70
SC	Starter Channel	32
FC	Fixing Channel	-
EDCL	Extra Deep CurveLynr Channel	70
T	Tabbed	-

Metal thickness	
50 = 0.50mm	80 = 0.80mm
60 = 0.60mm	90 = 0.90mm
70 = 0.70mm	10 = 1.00mm

Gypframe Floor & Ceiling Channels should be 2mm wider to accommodate the stud. For example a Gypframe 48 I 50 'I' Stud will fit into a Gypframe 50 FEC 50 Standard Floor & Ceiling Channel, Gypframe 60 I 50 'I' Stud will fit into a Gypframe 62 FEC 50 Standard Floor & Ceiling Channel, and so on.

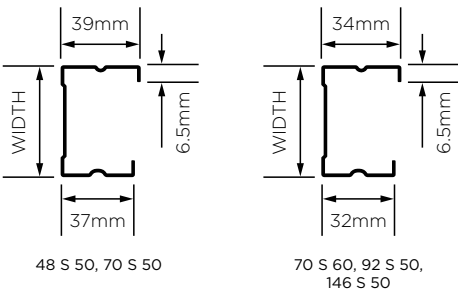


Gypframe Studs



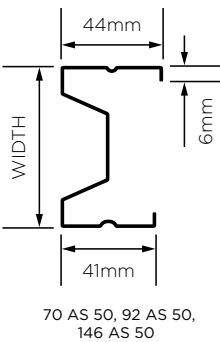
'C' Studs

'C' Studs are used as the vertical support in wall framing. Available in a range of widths, lengths and gauges, depending on requirements for strength, height, impact resistance and sound insulation.



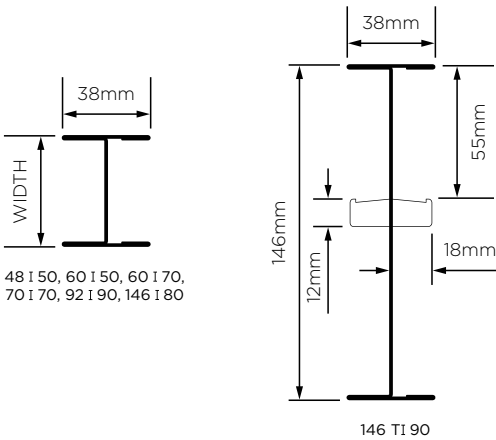
AcouStuds

AcouStuds are unique shaped studs used for increased acoustic performance in wall framing. Gypframe AcouStuds are designed to upgrade the acoustic performance of 70, 92 and 146 wall systems. The patented profile shape absorbs sound as it passes through the wall. Gypframe AcouStuds have wider flange widths than Gypframe 'C' Studs, providing increased board fixing area and strength.



'I' Studs

'I' Studs are the strongest available in the Gypframe range. They allow for increased partition height, without increasing partition width and provide improved impact resistance. Commonly used in ShaftWall, GypLyner IWL, GypWall QUIET IWL and other GypWall systems where board fixing strength is paramount.



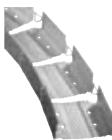
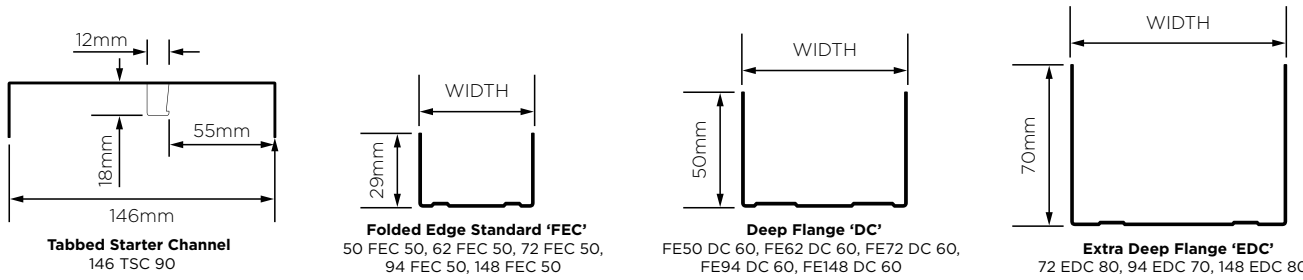
Gypframe Channels



Standard, Deep Flange and Extra Deep Flange Floor & Ceiling Channels

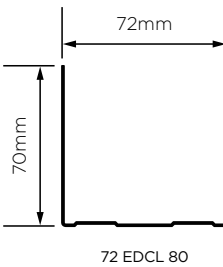
Gypframe channels are used for securing wall studs at floor and ceiling junctions. Although Standard Channels are the most commonly used, Deep Flange and Extra Deep Flange versions are available for situations where deflection head detail, improved impact resistance, and easier skirting fixing are required.

Gyproc has now introduced the folded edges to its entire Gypframe channel range, providing a full range of products that have a safer working edge.



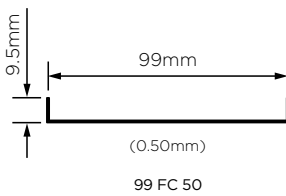
Gypframe CurveLyner Channel

A patented version of Gypframe Extra Deep Flange Floor & Ceiling Channel with an innovative design to simplify the construction of curved walls to a minimum radius of 600mm.



Fixing Channel

Used for a variety of applications including cross bracing on twin frame wall systems and fixing of medium to heavy weight fittings.



**NB** Bracketed figures indicate gauge.

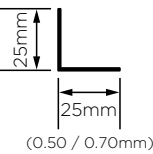
# Gypframe Accessories



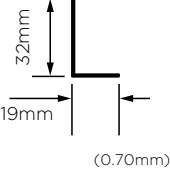
## Gypframe Steel Angles

Widely used in framed construction to provide support, fixing and additional strength to wall, ceiling and encasement framing.

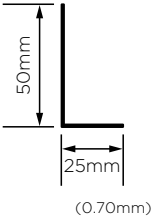
Gypframe FEA1 / GA2 Steel Angle



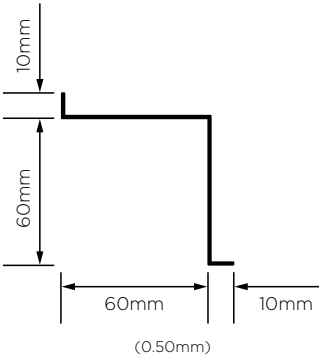
Gypframe GA3 Steel Angle



Gypframe GA4 Steel Angle



Gypframe GA5 Internal Fixing Angle



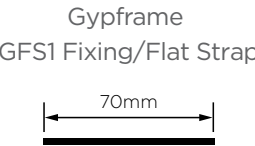
**(NB)** Bracketed figures indicate gauge.

# Specialist Profiles



## Board Jointing Components

A range of products used to support horizontal plasterboard joints where a wall is more than 1 board high, or when double-boarding partitions 1 board high, wall linings, details and deflection heads.



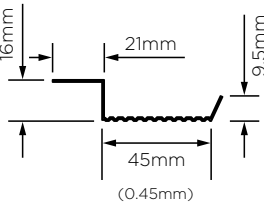
**(NB)** Bracketed figures indicate gauge.



## Sound Insulating Bar

This specially engineered product is used to optimise acoustic performance in commercial wall and ceiling systems.

Gypframe RB1 Resilient Bar



**(NB)** Bracketed figures indicate gauge.

## Gypframe metal

# The backbone to drylining just got stronger

A large part of the strength of any drylining system is in its frame, so we've improved Gypframe, the backbone to our systems.

With longer legs and embossed corners giving added strength and making installation easier, the best just got better. Compatible with our current range, you can specify and install it in exactly the same way.

**Always on hand to answer any questions, we've got your back.**



# PARTITION SYSTEMS

Gyproc offers a full range of lightweight partition and wall systems. Our systems are non-loadbearing and constructed using modern, drylining techniques. Gyproc metal framed partitions and walls can be used in all types of new and existing buildings, including private and social housing, apartments, healthcare, educational facilities, recreational and industrial properties. They cover all applications, from simple space division, through to high performance walls designed to meet the most demanding fire resistance, sound insulation, impact and height requirements.

## Benefits of Gyproc Partition Systems

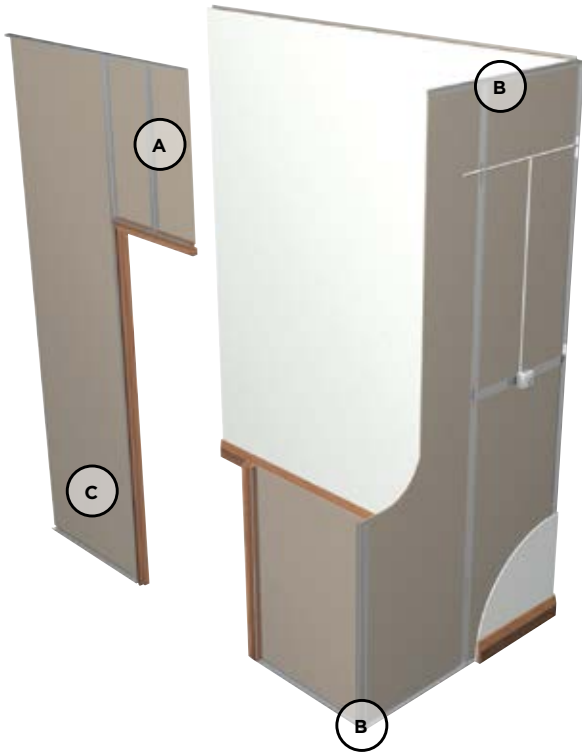
- Constructed using lightweight materials which can give rise to significant structural design savings compared to masonry alternatives
- Speed of installation and reduction of overall build costs
- A flexible solution, meets the evolving needs of buildings by being easy to re-configure with minimal impact on both buildings and people.

GypWall	10
ShaftWall	14
FireWall	18
GypWall QUIET SF	20



GypWall

GypWall is the industry’s original lightweight non-loadbearing drywall partition system, providing cost-effective, multi-purpose solutions suitable for all types of buildings.



GypWall

Can be used to design and build multi-purpose partitions, suitable in all types of building.

- A Gypframe 'C' Stud
- or Gypframe AcouStud
- or Gypframe 'I' Stud
- B Gypframe Floor & Ceiling Channel
- C Gyproc Standard, Performance or Specialist boards

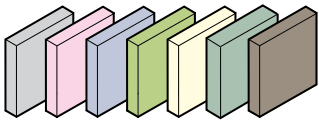
Key benefits

- Wide range of performances achievable through a combination of interchangeable Gyproc plasterboards, Gypframe metal, Gyproc finish plasters and Isover insulation
- Optimised acoustic performance for a given footprint through the use of Gypframe AcouStuds
- Non-hygroscopic Gypframe metal framework will not twist, warp or rot
- Easy accommodation of services within the stud cavity due to pre-cut service holes within the Gypframe metal studs



Quantities Guide

Gyproc Plasterboards



Gypframe Metal Sections



Partition area 100m²		Gyproc Plasterboard Specification & no. of boards required for board lengths				Type and no. lengths of 'C' Studs required based on stud length							Type and no. of Gypframe floor & ceiling channel		Number of GFS1 Fixing Straps based on board length		
Partition height (mm)	Partition length (m)	Plasterboard widths 1200mm	2400	2700	3000		2400	2700	3000	3600	4200	6000	3600mm		2400	2700	3000
2400	41.7	1 x 12.5 mm board each side	70	62	56	48 S 50	71	-	-	-	-	-	50 FEC 50	24	-	-	-
2700	37	1 x 12.5 mm board each side	70	62	56	70 S 50	-	63	-	-	-	-	72 FEC 50	21	31	-	-
3000	33.3	1 x 12.5 mm board each side	70	62	56	70 S 50	-	-	57	-	-	-	72 FEC 50	19	28	28	-
3600	27.8	1 x 12.5 mm board each side	70	62	56	70 S 50	-	-	-	48	-	-	72 FEC 50	16	24	24	24
4200	23.8	2 x 12.5 mm board each side	139	124	112	70 S 50	-	-	-	-	41	-	FE72 DC 60	14	20	20	20
6000	16.7	1 x 12.5 mm board each side	70	62	56	146 S 50	-	-	-	-	-	29	FE148 DC 60	10	28	28	14
7000	14.3	2 x 12.5 mm board each side	139	124	112	146 S 50	-	-	-	-	-	30	FE148 DC 60	12	24	24	24

These quantities are APPROXIMATE for 100m² of straight partition and DO NOT include wastage. All these examples are based on Gypframe studs at 600mm centres with no deflection head requirements





GypWall Component Guide

Width	Component	Length (mm)	Standard	Upgrade	Optional
48mm	<b>Gypframe 48 S 50 ‘C’ Stud</b> Vertical Support in wall framing	2400, 2700, 3000, 3600	✓		
	<b>Gypframe 48 I 50 ‘I’ Stud</b> Increased height & impact resistance	2700, 3000		✓	
	<b>Gypframe 50 FEC 50</b> Standard Floor & Ceiling Channel	3600	✓		
	<b>Gypframe FE50 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
60mm	<b>Gypframe 60 I 50 ‘I’ Stud</b> Increased height & impact resistance	2700, 3600		✓	
	<b>Gypframe 60 I 70 ‘I’ Stud</b> Increased height & impact resistance	3600		✓	
	<b>62 FEC 50</b> Standard Floor and Ceiling Channel	3600	✓		
	<b>FE62 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
70mm	<b>70 S 50 ‘C’ Stud</b> Vertical Support in wall framing	2400, 2700, 3000, 3600, 4200	✓		
	<b>70 S 60 ‘C’ Stud</b> Vertical Support in wall framing	3600		✓	
	<b>70 AS 50 AcouStud</b> Improved acoustic performance	3600		✓	
	<b>70 I 70 ‘I’ Stud</b> Increased height & impact resistance	3600, 4200		✓	
	<b>72 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE72 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>72 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>72 EDCL 80 CurveLyner Channel</b> For curved walls	2000			✓
92mm	<b>92 S 50 ‘C’ Stud</b> Vertical Support in wall framing	3000, 3600, 4200	✓		
	<b>92 AS 50 AcouStud</b> Improved acoustic performance	3600		✓	
	<b>92 I 90 ‘I’ Stud</b> Increased height & impact resistance	3600, 4200, 5000, 6000		✓	
	<b>94 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE94 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>94 EDC 70 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
146mm	<b>146 S 50 ‘C’ Stud</b> Vertical Support in wall framing	3600, 4200, 5000, 6000	✓		
	<b>146 AS 50 AcouStud</b> Improved acoustic performance	3600		✓	
	<b>146 I 80 ‘I’ Stud</b> Increased height & impact resistance	6000		✓	
	<b>146 TI 90 Tabbed ‘I’ Stud</b> Increased height, impact resistance and board fixing strength	5000, 6000		✓	
148mm	<b>148 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE148 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>148 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	

GypWall Components Common to all Width Configurations

	Component	Length	Standard	Upgrade	Optional
①	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
②	<b>Gyproc GFS1 Fixing Strap</b> Backs horizontal board joints in double layer linings	2400	✓		
	<b>Gyproc GFT1 Fixing ‘T’</b> Extra strong horizontal board joints in single layer linings	2400		✓	
③	<b>Gypframe 99 FC 50 Fixing Channel</b> Horizontal support for medium weight wall fixtures (e.g. shelves)	2400			✓
④	<b>Gypframe GA5 Internal Fixing Angle</b> Optimum acoustic performance at 90° wall junctions	3600			✓
⑤	<b>Gyproc Drywall Screws or Gyproc Jack-Point Screws</b>	as required	✓		
⑥	<b>Gyproc Plasterboard</b>	as required	✓		
⑦	<b>RB1 Resilient Bar</b> Acoustic performance	3000			✓
⑧	<b>GAB3 Acoustic brace</b> Acoustic performance	459			✓
⑨	<b>SC1/SC2 spacer clips for GypWall staggered acoustic partition</b>				✓

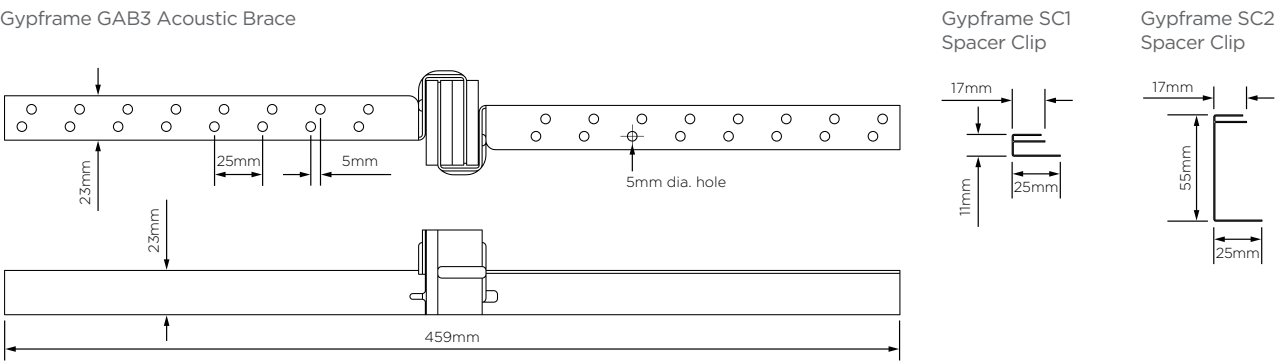
Gyproc Screws

	10 Gyproc Wafer Head Drywall Screws for each length of GFS1 on a single layer partition
	Select appropriate length of Drywall Screw for each plasterboard layer Inner layer of Plasterboard = approx. 1700 per 100m² Outer layer of Plasterboard = approx. 2200 per 100m²

Additional Components & Accessories

<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gypframe 99 FC 50 fixing channels</b> to provide grounds for fixings
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc FireStrip</b> for deflection head details	<b>Profilex Handi-Access Panel</b> access to services for maintenance

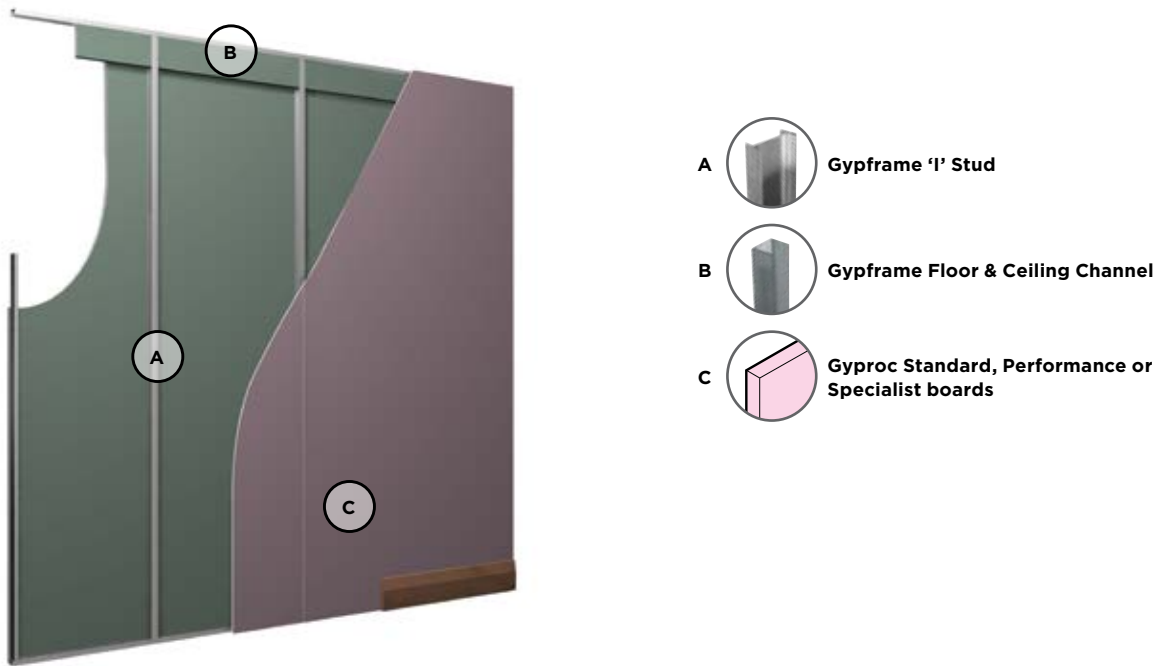
Additional GypWall Sections





ShaftWall

ShaftWall provides a lightweight, fire-resistant structure to protect elements in confined spaces wherever access is limited to one side only. The system provides a protective structure which can be incorporated at an early stage of the construction without the need for scaffolding. The system can also be built horizontally to provide a fire rated membrane.



Key Benefits

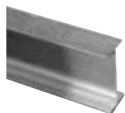
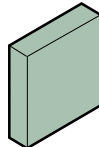
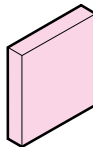
- Horizontal membranes are built entirely from below
- A ShaftWall variant with non-combustible Glasroc F FIRECASE board linings is available
- High level commonality with GypWall partition components, particularly 70mm stud solutions
- Higher certainty of installed acoustic performance due to laboratory tests incorporating deflection heads
- Can be used where access is limited to one side at the head, e.g. M & E cages already installed in corridors



Quantities Guide

Gyproc Plasterboards

Gypframe Metal Sections



Partition Area 100m²		Gyproc FireLine Specification & no. of boards on face				Gyproc CoreBoard	No. Lengths of 'I' Studs required based on stud length					No. Gypframe Starter Channels	No. Gypframe Ceiling Channels	No. Gypframe Floor Channels	No. GFS1 Fixing Straps based on board length			No. Gypframe Retaining Channels	No. Gypframe Retaining Clips	No. Gypframe GA3 Steel Angles
Partition Height (mm)	Partition Length (m)	Width 1200mm	2400	2700	3000	No. of Boards		3600	4200	5000	6000		3600mm	3600mm	2400	2700	3000	2400mm		3200mm
2400	41.7	1 x15.0 mm	35			76	60 I70	69	-	-	-	2	62 JC 70 x 12	62 FEC 50 x 12	-	-	-	G102 x 140	-	-
3000	33.3	2 x12.5 mm	70	62	56	61	60 I70	55	-	-	-	2	62 JC 70 x 10	62 FEC 50 x 10	14	14	-	G102 x 140	-	-
3600	27.8	1 x15.0 mm	35	31	28	64	70 I70	46	-	-	-	2	72 EDC 80 x 8	72 FEC 50 x 8	12	12	12	G110 x 141	-	9
4200	23.8	2 x12.5 mm	70	62	56	63	70 I70	-	39	-	-	3	72 EDC 80 x7	72 FEC 50 x 7	10	10	10	G110 x 140	-	8
5000	20	2 x12.5 mm	70	62	56	60	92 I 90	-	-	33	-	2	94 EDC70 x 6	FE94 DC 60 x 6	18	9	9	G105 x 142	G108 x 68	7
6000	16.7	1 x15.0 mm	35	31	28	59	146 TI 90	-	-	-	27	2	148 EDC 80 x 5	FE148 DC 60 x 5	14	14	7	G102 x 140	G109 x 56	6
7000	14.3	2 x12.5 mm	70	62	56	58	146 TI 90	-	-	-	27	3	148 EDC 80 x 4	FE148 DC 60 x 4	12	12	12	G102 x 152	G109 x 48	9



These quantities are APPROXIMATE for 100m² of straight partition and DO NOT include wastage. All these examples are based on Gypframe studs at 600mm centres with standard 15mm (downward movement only) deflection head requirements.

**Note:** Gyproc FireLine boarding requirement may alter to meet specific fire performance criteria.

ShaftWall Component Guide

Width	Component	Length	Standard	Upgrade	Optional
60mm	<b>Gypframe 60 I 70 'I' Stud</b> Increased height & impact resistance	3600	✓		
	<b>Gypframe 60 SC 55 Starter Channel</b> Used at abutments and openings to receive board	3600			✓
	<b>62 FEC 50</b> Standard Floor and Ceiling Channel	3600	✓		
	<b>FE62 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>62 JC 70</b> Used at ceiling junctions, openings and deflection heads	3600			✓
70mm	<b>Gypframe 70 I 70 'I' Stud</b> Increased height & impact resistance	3600, 4200	✓		
	<b>Gypframe 70 SC 70 Starter Channel</b> Used at abutments and openings to receive board	3600			✓
	<b>72 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE72 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>72 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
92mm	<b>92 I 90 'I' Stud</b> Increased height & impact resistance	3600, 4200 5000, 6000		✓	
	<b>Gypframe 92 SC 90 Starter Channel</b> Used at abutments and openings to receive board	5000, 6000			✓
	<b>94 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE94 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>94 EDC 70 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
146mm	<b>146 TI 90 Tabbed 'I' Stud</b> Increased height, impact resistance and board fixing strength	5000, 6000		✓	
	<b>146 TSC 90 Tabbed Starter Channel</b> Used at abutments and openings to receive board	5000		✓	
	<b>148 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE148 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>148 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	

Gyproc Screws

	10 Gyproc Wafer Head Drywall Screws for each length of GFS1 on a single layer partition
	Select appropriate length of Drywall Screw for each plasterboard layer Inner layer of Plasterboard = approx. 1700 per 100m² Outer layer of Plasterboard = approx. 2200 per 100m² Add 50 screws every 10m of horizontal coreboard joint

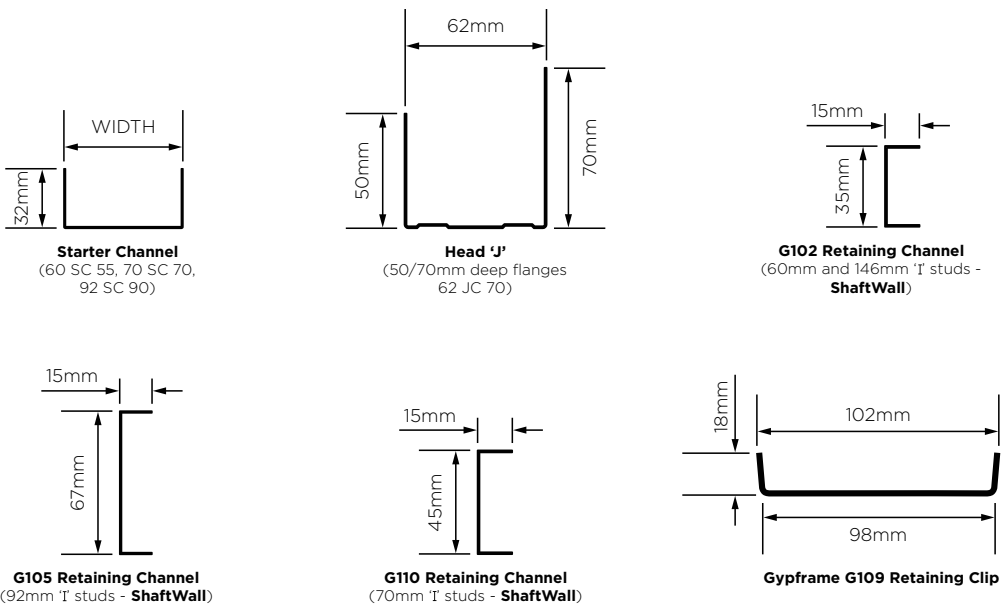
ShaftWall Components Common to all Width Configurations

	Component	Length	Standard	Upgrade	Optional
①	<b>Gypframe Retaining Channel</b> Support for Gyproc CoreBoard with the 'I' Stud G102 = 60 I70 & 146 TI 90, G105 = 92 I 90, G110 = 70 I 70	2400	✓		
②	<b>Gypframe Retaining Clips</b> Used within 'I' Studs at deflection heads G108 = 92 I 90, G109 = 146 TI 90	107	✓		
	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
③	<b>Gypframe GA3 Steel Angle</b> Framing stability and board support at horizontal joints of Gyproc CoreBoard	3200	✓		
④	<b>Gypframe 99 FC 50 Fixing channel</b> Provides horizontal support for medium weight wall fixtures	2400			✓
⑤	<b>Gypframe GFS1 Fixing Strap</b> Backs horizontal board joints in double layer linings	2400	✓		
⑥	<b>Gypframe GFT1 Fixing T</b> Extra strong horizontal board joints in single layer linings	2400			✓
⑦	<b>Gypframe MF5 Ceiling Section</b> Supports fixing of board	3600			✓
⑧	<b>Gypframe MF6A Perimeter Channel</b> Supports MF5 Ceiling section and fixing of board	3600			✓
⑨	<b>Gyproc Drywall Screws</b>	as required	✓		
⑩	<b>Gyproc Performance Plasterboard</b>	as required	✓		

Additional Components & Accessories

<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gypframe 99FC50 fixing channels</b> to provide grounds for fixings
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc FireStrip</b> for deflection head details	<b>Proflex Handi-Access Panel</b> access to services for maintenance

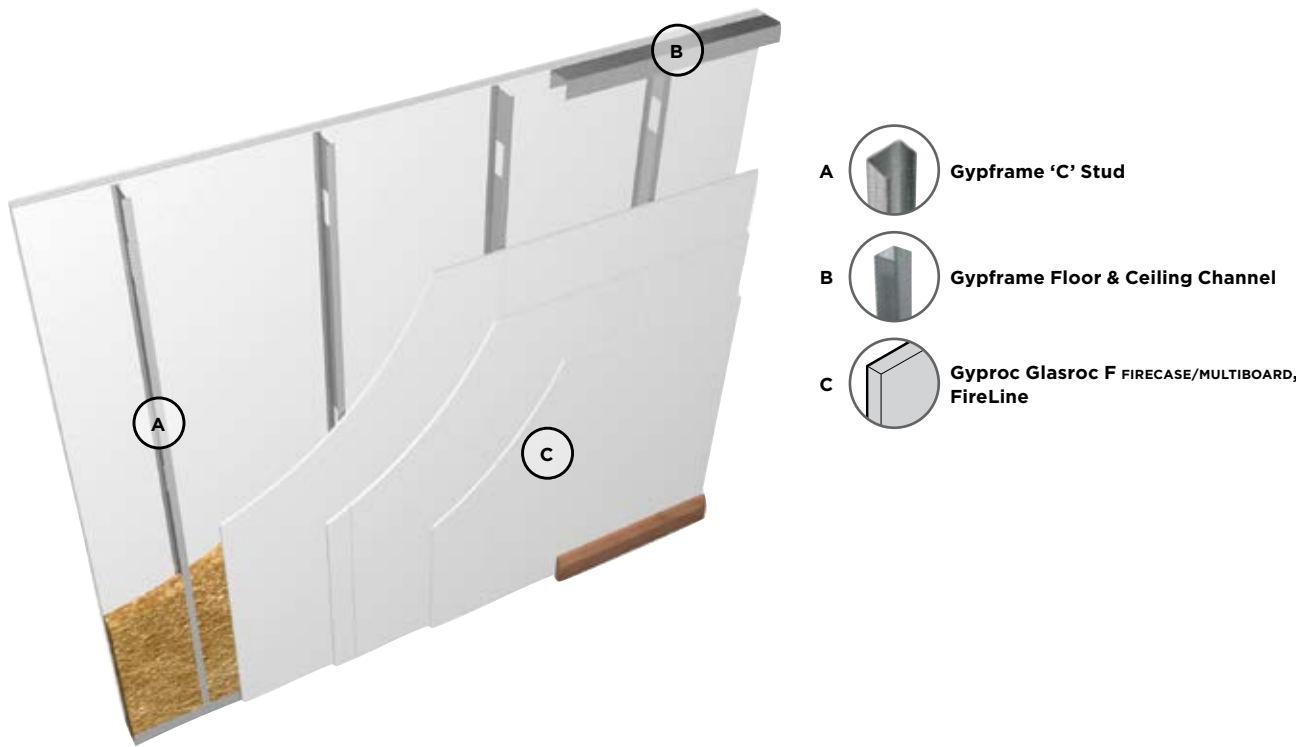
Additional ShaftWall Sections





FireWall

**FireWall** is a lightweight, non-loadbearing wall capable of providing up to 240 minutes fire resistance. It is commonly specified in areas that contain business-critical items such as computer servers or data storage equipment. It is also specified where fire-spread containment is required, for example, in plant rooms.



Key benefits

- Satisfies insurance company requirements for enhanced performance
- Reduction of the structural load is achieved through this lightweight alternative solution to traditional masonry construction
- Increased fire resistance is achieved without compromising partition thickness through the use of non-combustible Glasroc F glass-reinforced gypsum boards
- No additional framing components required on site due to the use of standard Gypframe metal products that are widely used in other Gyproc partition solutions



FireWall Component Guide

Width	Component	Length (mm)	Standard	Upgrade	Optional
70mm	<b>70 S 50 'C' Stud</b> Vertical Support in wall framing	2400, 2700 3000, 3600 4200	✓		
	<b>72 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE72 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>72 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
92mm	<b>92 S 50 'C' Stud</b> Vertical Support in wall framing	3000, 3600 4200	✓		
	<b>92 I 90 'I' Stud</b> Increased height & impact resistance	3600, 4200 5000, 6000		✓	
	<b>94 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE94 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>94 EDC 70 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
146mm	<b>146 S 50 'C' Stud</b> Vertical Support in wall framing	3600, 4200 5000, 6000	✓		
	<b>148 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE148 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>148 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	

FireWall Components Common to all Width Configurations

	Component	Length (mm)	Standard	Upgrade	Optional
①	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
②	<b>Gyproc GFS1 Fixing Strap</b> backs horizontal board joints and within deflection heads	2400	✓		
③	<b>Gypframe 99 FC 50 Fixing Channel</b> Horizontal support for medium weight wall fixtures (e.g. shelves)	2400			✓
④	<b>Gyproc Drywall Screws or Gyproc Jack-Point Screws</b>	as required	✓		
⑤	<b>Gyproc Plasterboard</b> Glasroc F FIRECASE, Glasroc F MULTIBOARD, Gyproc FireLine	as required	✓		
⑥	<b>Glasroc F FIRECASE Screws</b>	58mm	✓		
⑦	<b>Gyproc Wafer Head Jack-Point Screws</b>	13mm		✓	

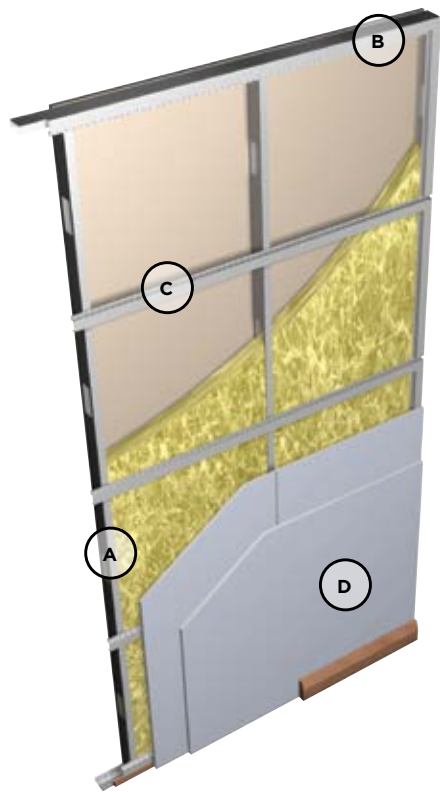
STAGGERED

GypWall QUIET SF


(Single Frame)

GypWall QUIET SF is a non-loadbearing partition, which provides high levels of sound insulation up to and exceeding regulatory requirements for separating walls.


GypWall QUIET SF offers high levels of acoustic performance within a narrow footprint. This makes it the ideal solution for a wide range of buildings where it is important to provide occupants with a comfortable acoustic environment, whilst at the same time maximising available floor area, for example, schools and hospitals.




- A




Gypframe 'C' Stud
- B



Gypframe Floor & Ceiling Channel
- C



Gypframe RB1 Resilient Bar
- D



Gyproc Standard, Performance or Specialist Boards

Key benefits

- Very efficient use of floor space due to a high level of acoustic performance being achieved with a minimal partition width
- Reduced sound transmission is achieved through the use of Gypframe RB1 Resilient Bar to provide a high degree of isolation between the Gypframe 'C' Studs and the high performance Gyproc plasterboard lining
- Additional acoustic performance can be achieved with the application of Gyproc Finish Plasters on selected specifications



Gypwall QUIET SF Component Guide

Width	Component	Length (mm)	Standard	Upgrade	Optional
70mm	<b>70 S 50 'C' Stud</b> Vertical stud, provides acoustic and structural performance designed to receive fixing of board after install of Gypframe RB1 Resilient Bars	2400, 2700, 3000, 3600, 4200	✓		
	<b>72 FEC 50</b> Standard Floor & Ceiling channel for retaining studs to heights not exceeding 4200mm and at openings	3600	✓		
	<b>FE72 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights 4200mm to 8000mm, at openings and deflection heads (max 30mm deflection)	3600		✓	
	<b>72 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights over 8000mm, at openings and deflection heads (max 50mm deflection)	3600		✓	
92mm	<b>92 S 50 'C' Stud</b> Vertical stud, provides acoustic and structural performance designed to receive fixing of board after install of Gypframe RB1 Resilient Bars	3000, 3600, 4200	✓		
	<b>94 FEC 50</b> Standard Floor & Ceiling channel for retaining studs to heights not exceeding 4200mm and at openings	3600	✓		
	<b>FE94 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights 4200mm to 8000mm, at openings and deflection heads (max 30mm deflection)	3600		✓	
	<b>94 EDC 70 Extra Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights over 8000mm, at openings and deflection heads (max 50mm deflection)	3600		✓	
146mm	<b>146 S 50 'C' Stud</b> Vertical stud, provides acoustic and structural performance designed to receive fixing of board after install of Gypframe RB1 Resilient Bars	3600, 4200, 5000, 6000	✓		
	<b>148 FEC 50</b> Standard Floor & Ceiling channel for retaining studs to heights not exceeding 4200mm and at openings	3600	✓		
	<b>FE148 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights 4200mm to 8000mm, at openings and deflection heads (max 30mm deflection)	3600		✓	
	<b>148 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Retains studs to heights over 8000mm, at openings and deflection heads (max 50mm deflection)	3600		✓	

Gypwall QUIET SF Components Common to all Width Configurations

	Component	Length (mm)	Standard	Upgrade	Optional
①	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
②	<b>Gyproc GFS1 Fixing Strap</b> Backs horizontal board joints in double layer linings	2400	✓		
	<b>Gyproc GFT1 Fixing 'T'</b> Extra strong horizontal board joints in single layer linings	2400		✓	
③	<b>Gypframe 99 FC 50 Fixing Channel</b> Horizontal support for medium weight wall fixtures (e.g. shelves)	2400			✓
④	<b>Gypframe GA5 Internal Fixing Angle</b> Optimum acoustic performance at 90° wall junctions	3600			✓
⑤	<b>Gyproc Drywall Screws or Gyproc Jack-Point Screws</b>	as required	✓		
⑥	<b>Gyproc Wafer Head Jack-Point Screws</b>	13		✓	
⑦	<b>RB1 Resilient Bar</b> Acoustic performance	3000	✓		
⑧	<b>Gyproc Plasterboard</b> Standard, Performance and Specialist	as required	✓		



# WALL LINING SYSTEMS

Gyproc systems provide high quality internal linings. They cater for a variety of wall constructions, including metal frame and traditional masonry. Linings can be fully or partially independent of the structure, or can simply be bonded or plastered directly to a wall surface. These products are used in all types of buildings and are equally suited to both new-build and refurbishment work.

GypLyner 24

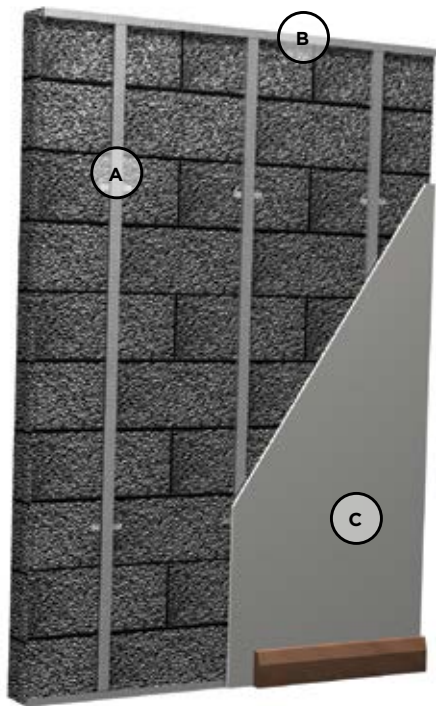
GypLyner iwl 28





GypLyner

GypLyner is a cost-effective, virtually independent metal wall lining system. This system is commonly used where the external wall or substrate is very uneven or out of plumb.



- A Gypframe GL1 Lining Channel
- B Gypframe GL8 Track
- C Gyproc Standard, Performance or Specialist boards

Key benefits

- Background surface irregularities are accommodated within the framework cavity
- Provides a solution for backgrounds that are not suitable for bonded systems, for example plasters or DriLyner systems
- Services are easily incorporated within the framework
- Wide range of U-values achievable to suit project requirements using Isover mineral wool
- Minimal thermal bridging of the insulation layer due to the small, discrete fixings back to the substrate
- Provides a thermally responsive environment with quick heating time as a result of positioning the insulation layer on the warm side of the room
- Provides a high performance option to achieve enhanced acoustic performance
- System for improving a wall's water vapour resistance through the addition of a Gyproc DUPLEX board option with integrated vapour control membrane



Quantities Guide

Quantities Guide		Gyproc Plasterboards				Gypframe Metal Sections									
															
Partition Area 100m²		Gyproc Plasterboard Specification & no. of boards required for board length				No. of Gypframe GL1 Lining Channels, based on length			No. of Gypframe GL2/ GL9 Brackets	No. of GL11 GypLyner Anchors	No. of Gypframe GL8 Track	No of Gypframe GL3 Channel Connectors for GL1 Channels	No of GFS1 fixing Straps required based on board lengths		
Partition Height (mm)	Partition Length (m)	Plasterboard widths 1200mm	2400	2700	3000	2700	3000	3600			3600		2400	2700	3000
2700	37	2 x 12.5mm boarded on face	70	62	56	61			183	183	23		16		
3000	33.3	1 x 12.5mm boarded on face	35	31	28		55		165	165	21		14	14	
3600	27.8	2 x 12.5mm boarded on face	70	62	56			47	184	184	18		12	12	12
6000	16.7	2 x 12.5mm boarded on face	70	62	56		54		189	189	13	27	14	14	7
7200	13.9	1 x 12.5mm boarded on face	35	31	28			46	184	184	12	23	12	12	12



These quantities are APPROXIMATE for 100m<sup>2</sup> of straight partition and DO NOT include wastage. All these examples are based on Gypframe studs at 600mm centres with no deflection head requirements



GypLyner Component Guide

	Component	Length	Standard	Upgrade	Optional
1	<b>Gypframe GL8 Track</b> Floor & ceiling track for retaining the GL1 Lining Channel at floor, ceiling, wall, abutments & around openings.	3600	✓		
2	<b>Gypframe GL1 Lining Channel</b> Main support channel to receive fixing of board	2700	✓		
3	<b>Gypframe GL2 Bracket</b> Connects the GL1 Lining channel to the structural background with a maximum 75mm stand-off	192	✓		
4	<b>Gypframe GL9 Bracket</b> Connects the GL1 Lining channel to the structural background with a maximum 125mm stand-off	295		✓	
5	<b>Gypframe GL3 Channel Connector</b> Joins two sections of Gypframe GL1 Lining Channel				✓
6	<b>Gypframe 99 FC 50 Fixing channel</b> Provides horizontal support for medium weight fixtures on walls (e.g. shelves)	2400			✓
7	<b>Gyproc Drywall Screws</b>	as required	✓		
8	<b>Gypframe GFS1 Fixing Strap</b> Backs horizontal board joints in double layer linings	2400	✓		
	<b>Gypframe GFT1 Fixing T</b> Extra strong horizontal board joints in single layer linings	2400	✓		
9	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
10	<b>Gypframe GL11 GypLyner Anchors</b> Fixing GL2 and GL9 Brackets to concrete soffits		✓		
11	<b>Gyproc Plasterboard</b>	as required	✓		

Gyproc Screws

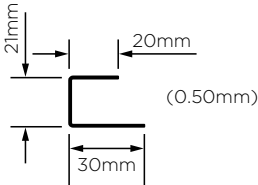
	10 Gyproc Wafer Head Drywall Screws for each length of GFS1 on a single layer lining. 2 screws required to fix each GL2 or GL9 bracket to GL1 Lining channel
	Select appropriate length of Drywall Screw for each plasterboard layer Inner layer of Plasterboard = approx. 850 per 100m² Outer layer of Plasterboard = approx. 1100 per 100m²

Additional Components & Accessories

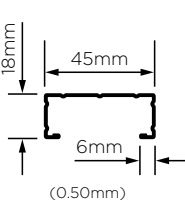
<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gypframe 99FC50 fixing channels</b> to provide grounds for fixings
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc FireStrip</b> for deflection head details	<b>Profilex Handi-Access Panel</b> access to services for maintenance

GypLyner Sections

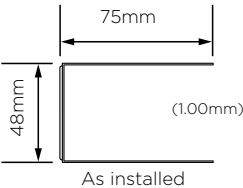
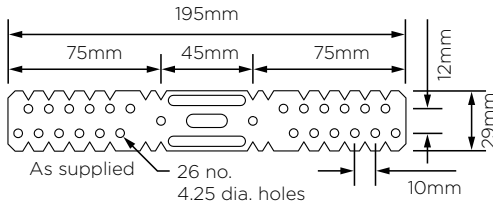
Gypframe GL8 Track



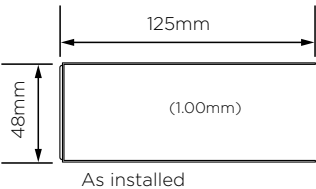
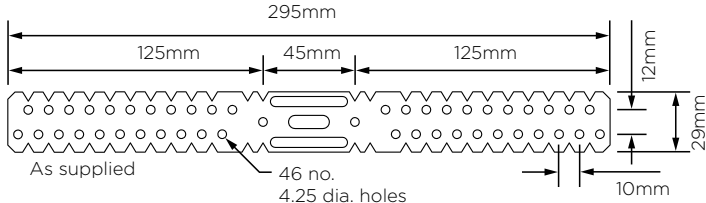
Gypframe GL1 Channel



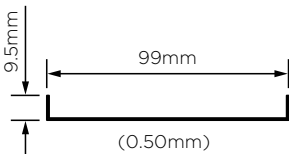
Gypframe GL2 Bracket



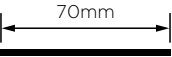
Gypframe GL9 Bracket



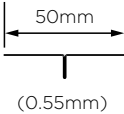
Gypframe 99 FC 50 Fixing Channel



Gypframe GFS1 Fixing Strap



Gypframe GFT1 Fixing T

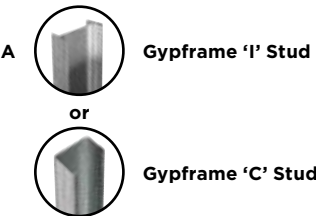
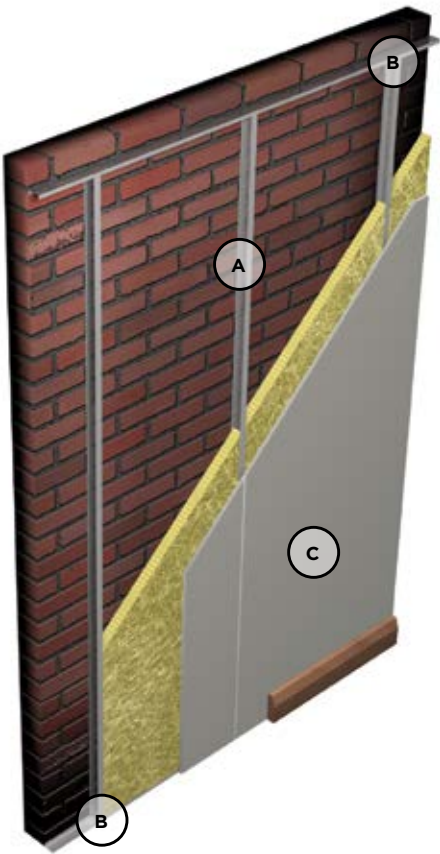


**NB** Bracketed figures indicate gauge.

GypLyner iWL

(Independent wall lining)

GypLyner iWL is a lightweight, non-loadbearing system, which is built independently of the external wall construction. GypLyner iWL is particularly suitable for buildings where fixing into the background is difficult or not possible. The lining provides fire resistance and acoustic upgrades to structural steel sections clad with lightweight metal sheeting, and can also be used within new or existing masonry walls to increase sound insulation and meet stringent thermal performance requirements.








Key Benefits

- Totally independent from wall with fixings to floor and soffit only, particularly suitable for basements with waterproof tanking
- Any surface irregularities within the external wall construction are completely removed through the totally independent framework
- Services are easily incorporated within the framework with no limitation to the cavity size that can be created
- A wide range of U-values can be achieved to suit project requirements by using Isover mineral wool
- Minimal thermal bridging due to the use of a totally independent framework
- Provides a high-performance option to achieve enhanced acoustic performance and fire protection to steel, in one lining solution



Quantities Guide

Quantities Guide		Gyproc Plasterboards				Gypframe Metal Sections										
																
Partition Area 100m²		Gyproc Plasterboard Specification & no. of boards required for board length				No. lengths of Gypframe 'I' Studs required, based on stud length						No. of Gypframe C Studs of matching length each end of lining	No. lengths of Gypframe Floor & Ceiling Channels	No. of GFS1 Fixing Straps required, based on board lengths		
Partition Height (mm)	Partition Length (m)	Widths 1200mm	2400	2700	3000		2700	3600	4200	5000	6000		3600	2400	2700	3000
2400	41.7	1 x 12.5mm boarded on face	35	31	28	48 I 50	69	-	-	-	-	2	50 FEC 50 x 24	-	-	-
2700	37	2 x 12.5mm boarded on face	70	62	56	48 I 50	61	-	-	-	-	2	50 FEC 50 x 22	16	-	-
3600	27.8	1 x 12.5mm boarded on face	35	31	28	70 I 70	-	46	-	-	-	2	72 FEC 50 x 16	12	12	12
4200	23.8	2 x 12.5mm boarded on face	70	62	56	70 I 70	-	-	39	-	-	2	FE72DC 60 x 14	10	10	10
5000	20	1 x 12.5mm boarded on face	35	31	28	92 I 90	-	-	-	33	-	2	FE92 DC 60x 12	18	9	9
6000	16.7	7 x 12.5mm boarded on face	35	31	28	146 I 80	-	-	-	-	27	2	FE148 DC 60 x 10	14	14	7



These quantities are APPROXIMATE for 100m² of straight partition and DO NOT include wastage. All these examples are based on Gypframe studs at 600mm centres with no deflection head requirements.



GypLyner IWL Component Guide

Width	Component	Length	Standard	Upgrade	Optional
48mm	<b>Gypframe 48 I 50 ‘I’ Stud</b> Increased height & impact resistance	2700, 3000		✓	
	<b>Gypframe 48 S 50 ‘C’ Stud</b> Vertical Support in wall framing	2400, 2700, 3000, 3600	✓		
	<b>Gypframe 50 FEC 50</b> Standard Floor & Ceiling Channel	3600	✓		
	<b>Gypframe FE50 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
60mm	<b>Gypframe 60 I 50 ‘I’ Stud</b> Increased height & impact resistance	2700, 3600		✓	
	<b>Gypframe 60 I 70 ‘I’ Stud</b> Increased height & impact resistance	3600		✓	
	<b>62 FEC 50</b> Standard Floor and Ceiling Channel	3600	✓		
	<b>FE62 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
70mm	<b>70 I 70 ‘I’ Stud</b> Increased height & impact resistance	3600, 4200		✓	
	<b>70 S 50 ‘C’ Stud</b> Vertical Support in wall framing	2400, 2700, 3000, 3600, 4200	✓		
	<b>72 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		
	<b>FE72 DC 60 Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
92mm	<b>72 EDC 80 Extra Deep Flange Floor &amp; Ceiling Channel</b> Improved impact resistance, skirting & deflection heads	3600		✓	
	<b>92 I 90 ‘I’ Stud</b> Increased height & impact resistance	3600, 4200, 5000, 6000		✓	
	<b>92 S 50 ‘C’ Stud</b> Vertical Support in wall framing	3000, 3600, 4200	✓		
	<b>94 FEC 50</b> Standard Floor & Ceiling channel	3600	✓		

Gyproc Screws

	10 Gyproc Water Head Drywall Screws for each length of GFS1 on a single layer lining. Jack-Point screws are required for 70 I 70, 92 I 90 and 146 I 80 linings.
	Select appropriate length of Drywall Screw for each plasterboard layer. Jack-Point screws are required for 70 I 70, 92 I 90 and 146 I 80 linings Inner layer of Plasterboard = approx. 850 per 100m² Outer layer of Plasterboard = approx. 1100 per 100m²

GypLyner IWL Components Common to all Width Configurations

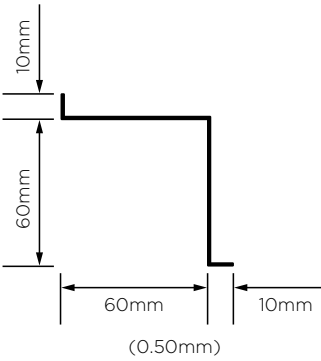
	Component	Length (mm)	Standard	Upgrade	Optional
①	<b>Gypframe 99 FC 50 Fixing channel</b> Provides horizontal support for medium weight wall fixtures (e.g. shelves, bathroom fittings)	2400			✓
②	<b>Gyproc Drywall Screws</b>	as required	✓		
③	<b>Gypframe GFS1 Fixing Strap</b> Backs horizontal board joints in double layer linings	2400	✓		
	<b>Gypframe GFT1 Fixing ‘T’</b> Extra strong horizontal board joints in single layer linings	2400	✓		
④	<b>Gypframe GA5 Internal fixing angle</b> Optimum acoustic performance at 90° wall junctions	3600			✓
⑤	<b>Gyproc Wafer Head Jack-Point Screws</b>	13		✓	
⑥	<b>Gyproc Wafer Head Drywall Screws</b> (‘I’ Studs less than 0.6mm thick)	13	✓		
⑦	<b>Gyproc Plasterboard</b>	as required	✓		

Additional Components & Accessories

<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gypframe 99FC50 fixing channels</b> to provide grounds for fixings
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc FireStrip</b> for deflection head details	<b>Profilex Handi-Access Panels</b> access to services for maintenance

Additional GypLyner IWL Sections

Gypframe GA5 Internal Fixing Angle





# CEILINGS & FLOORS

Gyproc offers a full range of specifications from simple plasterboard ceilings through to a range of gypsum-based, acoustic suspended ceilings and lay-in grid systems. They cover all building categories, including private and social housing, apartments, healthcare, educational facilities, recreational and industrial properties in both new-build and refurbishment and can satisfy the most demanding performance requirements.

CasoLine MF	34
GypLynex Ceiling	38
GypFloor SILENT	42

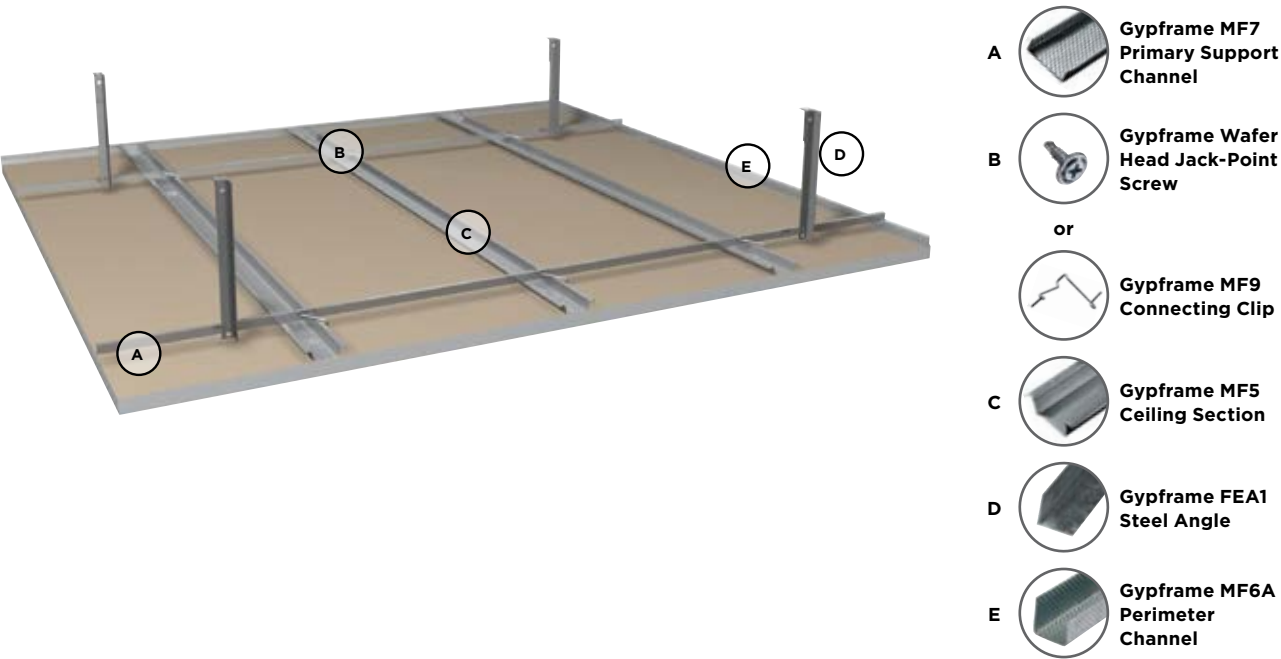




CasoLine MF

(Monolithic Frame)

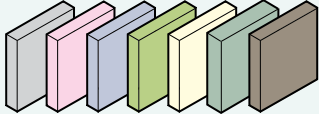


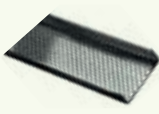





A suspended ceiling system suitable for most internal drylining applications. The grid remains completely concealed and the ceiling can be joint-treated or skim plastered to finish. The plenum or void above the lining can also provide space for services, including ventilation ducts.



Key benefits

- High level of design flexibility; bulkheads, gradients and changes in height can all be fully integrated
- Services inspection and access points are easily included during design or installation
- Improvement to acoustic and fire performance can be achieved without the need to access the room above
- Adaptable metal framing system fully compatible with a wide range of Gyproc lining solutions to achieve a variety of performances tailored to meet individual project requirements
- Partition heights can be reduced as the partition channel can be supported by the ceiling framework rather than the soffit



Quantities Guide		Gyproc Plasterboards		Gypframe Metal Sections							
											
Ceiling Dimensions		Gyproc Plasterboard Specification & no. of boards		No. of Gypframe MF5 Ceiling Sections	No. of GypFrame MF6A Perimeter Channels	No. of GypFrame MF7 Primary Support Channels	Length of FE1 required based on 1 metre drop (metres)	No. of Gypframe MF9 Connecting Clips required	No. of Gyproc Wafer Head Screws	No. of Gyproc Wafer Head Jack-Point Screws	No. of Gyproc Drywall Screws Required for boards (approx)
Length x Width	Area m²	Plasterboard 1200mm x 2400		3600	3600	3600					
3 x 3 =	9	1 layer of plasterboard	4	7	4	2	4	14		10	200
7 x 7 =	49	1 layer of plasterboard	18	34	8	10	25	85	70	60	900
10 x 10 =	100	1 layer of plasterboard	35	72	12	24	64	192	200	160	1800

These quantities are APPROXIMATE and DO NOT include wastage. Based on Gypframe MF5 Ceiling Sections at 400mm centres.

Additional Components & Accessories

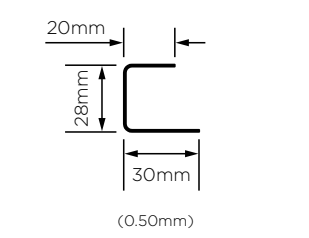
Gyproc Sealant for optimum acoustic performance	Isover Insulation to enhance acoustic performance
Gyproc Paper Joint Tape for jointing of plasterboards	Gyproc Finish Plasters to provide a plaster skim finish
Gyproc Jointing Materials for jointing of plasterboards	Profilex Handi-Access Panel access to services for maintenance

CasoLine MF Components

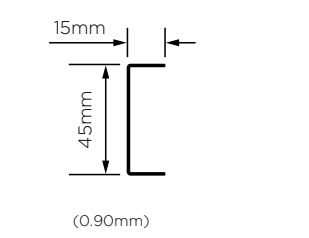
	Component	Length (mm)	Standard	Upgrade	Optional
1	<b>Gypframe MF6A Perimeter Channel</b> Supports MF5 Ceiling section and fixing of board	3600	✓		
2	<b>Gypframe MF7 Primary Support Channel</b> Supports MF5 Ceiling section	3600	✓		
3	<b>Gypframe MF5 Ceiling Section</b> Provides seamless suspended ceilings and supports fixing of board	3600	✓		
4	<b>Gypframe FEA1 Steel Angle</b> Provides framing stability and board support	2900	✓		
5	<b>Gypframe MF9 Connecting clips</b> Connects MF5 ceiling sections to M77 primary support channel	2.65mm Gauge			✓
6	<b>Gypframe GAH1 or GAH2 Acoustic Hanger</b> Suspension for enhanced acoustic performance to timber floors	35, 70			✓
7	<b>Rigitone Screws</b>	30			✓
8	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
9	<b>Gyproc Drywall Screws</b>	as required	✓		
10	<b>Gyproc Wafer Head Jack-Point Screws</b>	13		✓	
11	<b>Gyproc Plasterboard</b>	as required	✓		

CasoLine MF Sections

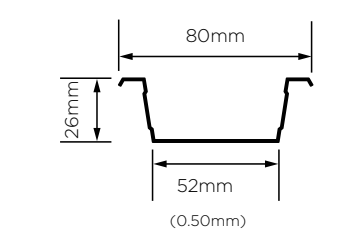
Gypframe MF6A Perimeter Channel Section



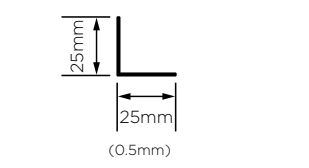
Gypframe MF7 Primary Support Channel



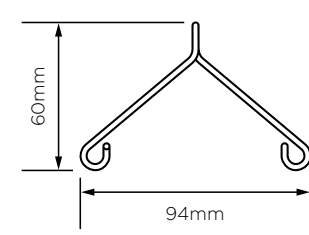
Gypframe MF5 Ceiling Section



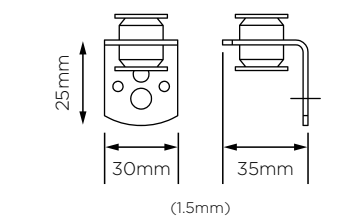
Gypframe FEA1 Steel Angle



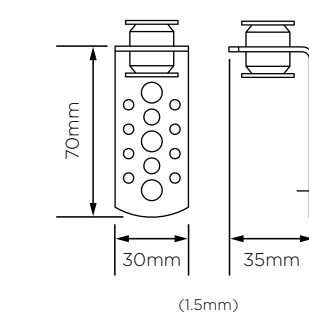
Gypframe MF9 Connecting Clip



Gypframe GAH1 Acoustic Hanger



Gypframe GAH2 Acoustic Hanger

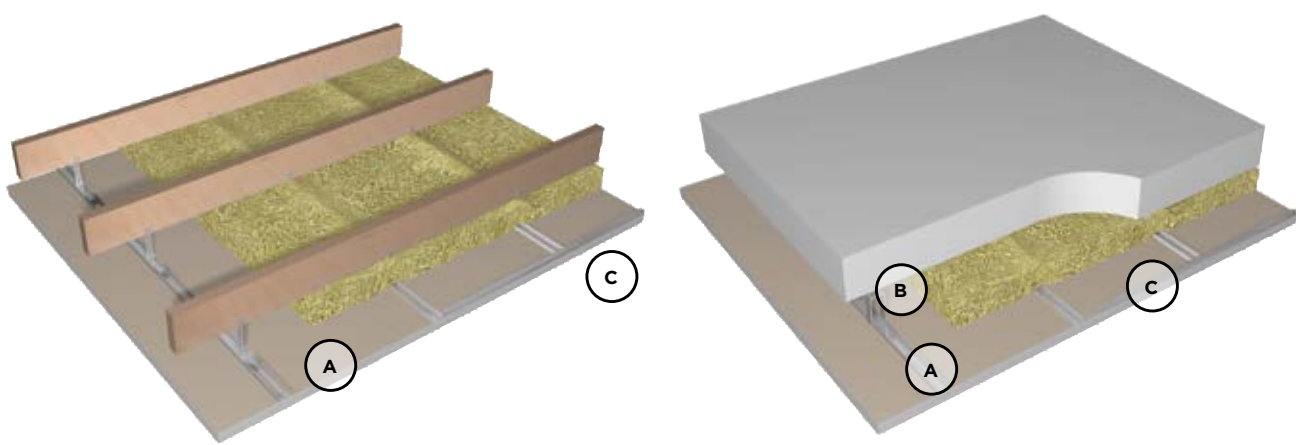


**NB** Bracketed figures indicate gauge.



GypLyner Ceiling

GypLyner is a versatile ceiling lining system suitable for a wide range of installations, ranging from residential properties to large commercial developments. Simple to install, and compatible with the full range of Gyproc plasterboards, **GypLyner** can be used to significantly improve performance levels in a refurbishment project and can also be used for new build installations.



- A

Gypframe GL1 Lining Channel
- B


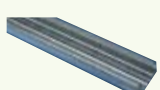


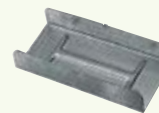


Gypframe GL2 / GL9 / GL12 Bracket
- C

Gypframe GL8 Track

Key benefits

- A versatile system that is suitable for concrete soffits or timber joists, and utilises the same components for either wall or ceiling installations
- Can also be installed onto a plasterboard ceiling, making it ideal for refurbishment projects where it is desirable or necessary to retain the existing ceiling
- Ideal for meeting the diverse range of performance requirements of modern construction - compatible with the full range of Gyproc plasterboards, including, Glasroc, Gyptone and Rigitone ranges
- Minimal loss of room height with as little as 25mm cavity required
- Fire and acoustic performance upgrades can be achieved with access to the underside of the floor only



Quantities Guide		Gyproc Plasterboards		Gypframe Metal Sections							
											
Ceiling Area m²		Gyproc Plasterboard Specification & no of boards required for board length		No of Gypframe GL1 Lining Channels, based on length			No of Gypframe GL2/GL9 Brackets	No of GypFrame GL8 Track required	No. of Gypframe GL3 Channel Connectors, (based on GL1 Channel Length 3600mm)	No. of Gyproc Wafer Head Screws required with GL2/GL9	No. of Gyproc Drywall Screws Required for boards (approx)
Length x Width	m²	Plasterboard Widths 1200mm	2400	2700	3000	3600		3600			
Based on Gypframe GL1 Lining Channel located at 400mm centres when used in conjunction with 12.5mm plasterboard											
3 x 3 =	9	1 x 12.5mm boarded on ceiling	4	8	7	6	14	4		30	200
7 x 7 =	49	1 x 12.5mm boarded on ceiling	18	45	40	34	85	8	17	250	900
10 x 10 =	100	1 x 12.5mm boarded on ceiling	35	89	54	67	192	12	50	600	1750
Based on Gypframe GL1 Lining Channel located at 600mm centres when used in conjunction with 15.0mm plasterboard											
3 x 3 =	9	1 x 15.0 mm boarded on ceiling	4	5	4	4	8	4		20	160
7 x 7 =	49	1 x 15.0 mm boarded on ceiling	18	29	26	22	55	8	11	170	720
10 x 10 =	100	1 x 15.0 mm boarded on ceiling	35	60	54	45	128	12	32	400	1400

These quantities are APPROXIMATE and DO NOT include wastage.

GypLyner Ceiling Components

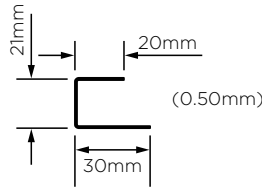
	Component	Length (mm)	Standard	Upgrade	Optional
1	<b>Gypframe GL8 Track</b> Ceiling track for retaining the GL1 Lining Channel at wall abutments	3600	✓		
2	<b>Gypframe GL1 Lining Channel</b> Main support channel to receive fixing of board	2700, 3000, 3600	✓		
3	<b>Gypframe GL2 Bracket</b> Connects the GL1 Lining channel to the soffit with a maximum 75mm stand-off	192	✓		
4	<b>Gypframe GL9 Bracket</b> Connects the GL1 Lining channel to the soffit with a maximum 125mm stand-off	295		✓	
5	<b>Gypframe GL12 Bracket</b> Connects the GL1 Lining channel to the soffit with a maximum 175mm stand-off	395		✓	
6	<b>Gypframe GL3 Channel Connector</b> Joins two sections of Gypframe GL1 Lining Channel				✓
7	<b>Gyproc Drywall Screws</b>	as required	✓		
8	<b>Gyproc Wafer Head Drywall Screws</b>	13	✓		
9	<b>Gypframe GL11 GypLyner Anchors</b> Fixes GL2, GL9, and GL12 Brackets to concrete soffits		✓		
10	<b>Gyproc Plasterboard</b> WallBoard or Ceiling boards	as required	✓		

Additional Components & Accessories

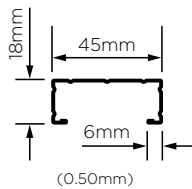
<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	

GypLyner Ceiling Sections

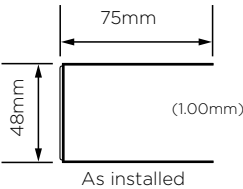
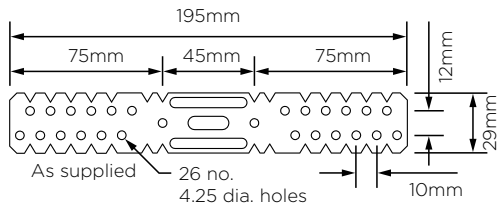
Gypframe GL8 Track



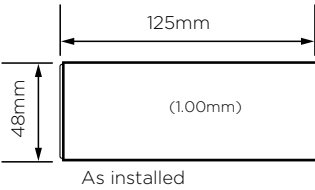
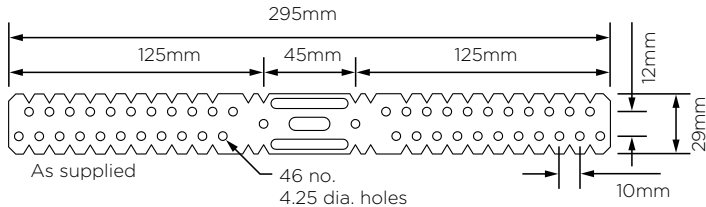
Gypframe GL1 Channel



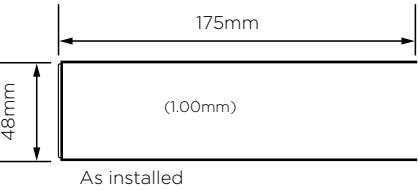
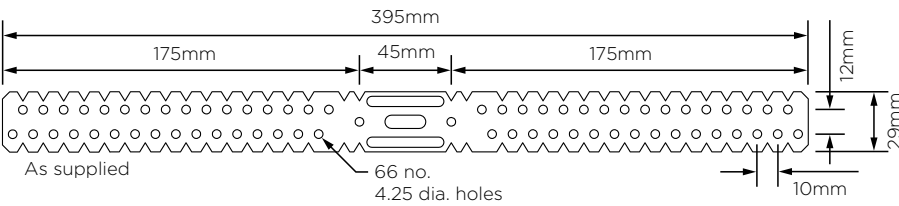
Gypframe GL2 Bracket



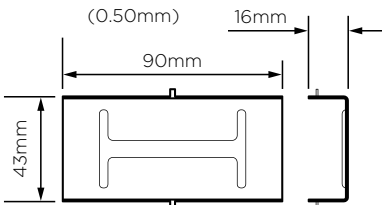
Gypframe GL9 Bracket



Gypframe GL12 Bracket



Gypframe GL3 Channel Connector



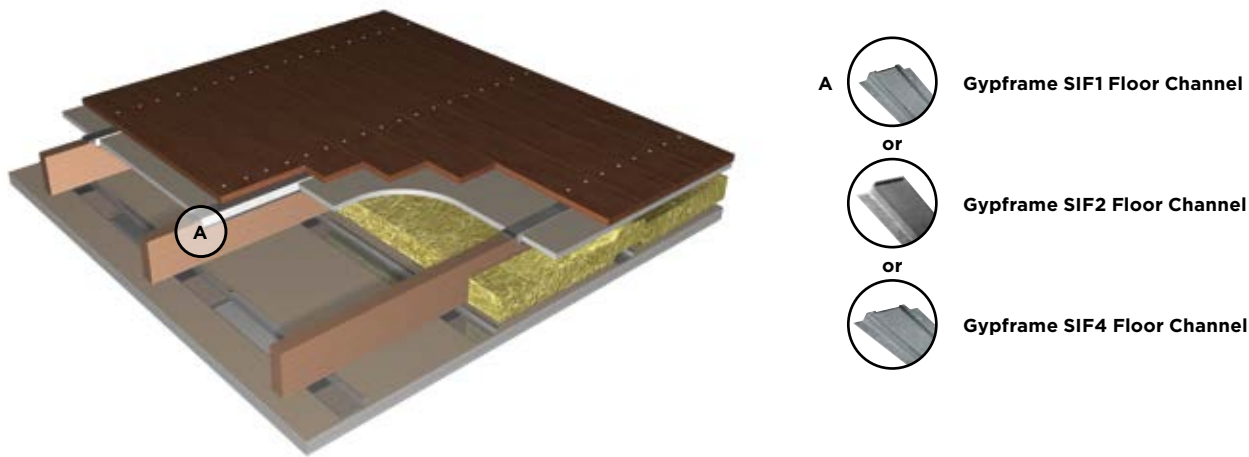
**NB** Bracketed figures indicate gauge.



GypFloor SILENT

GypFloor SILENT is an acoustic floor system, specified in residential conversion or improvement work. It upgrades existing timber joist floors to meet the requirements of Building Regulations for separating floors between rooms created by a change of use or conversion.

GypFloor SILENT can also be used in new-build homes for enhanced sound insulation performance of internal floors.



Key benefits

- Provides a significant uplift in acoustic performance making it an ideal upgrade for transforming a non-performing floor to one that is Building Regulations compliant
- Adds only 7mm to the existing floor height, minimising the impact on existing fixtures and fittings compared to alternative solutions, such as floating floor systems
- The transfer of impact noise through floor structure to the room below, for example impact noise from footfall or furniture movement, is reduced due to the integral neoprene strip located within Gypframe SIF Floor Channels
- Acoustic performance of the floor is further enhanced by installing Gypframe RB1 Resilient Bar to isolate the ceiling lining from the joists
- An existing structure can be improved, in terms of both fire and acoustic performance, without requiring extensive alteration, even where access is available from above only

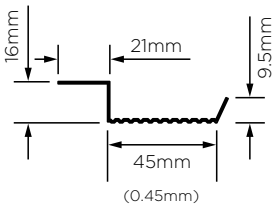


GypFloor SILENT Components

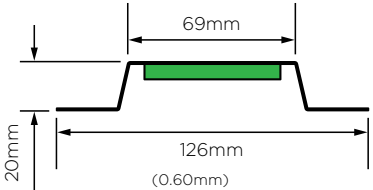
	Component	Length (mm)	Standard	Upgrade	Optional
1	<b>Gypframe SIF1 Floor Channel</b> Acoustic channel laid on timber joists 63mm wide or less to support Gyproc Plank	2000	✓		
2	<b>Gypframe SIF4 Floor Channel</b> Acoustic channel laid on timber joists between 64 and 75mm wide to support Gyproc Plank	2000	✓		
3	<b>Gypframe SIF2 Floor Channel</b> Acoustic channel laid on timber joists greater than 75mm wide to support Gyproc Plank	2000	✓		
4	<b>Gyproc RB1 Resilient Bar</b> Acoustic channel to separate board fixing from the timber joist and overcome nail popping.	3000		✓	
5	<b>Gyproc Drywall Screws</b>	as required	✓		
6	<b>Gyproc SIF Floor Screws</b> Fixes floorboards through Gyproc Plank into Gypframe floor channel flange	55	✓		
7	<b>Gyproc Plasterboard</b> WallBoard, Plank, SoundBloc, FireLine or Glasroc F MULTIBOARD	as required	✓		

Gypfloor SILENT Channels

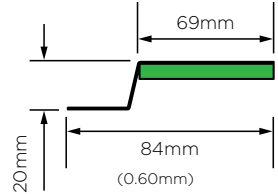
Gypframe RB1 Resilient Bar



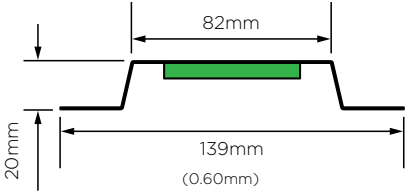
Gypframe SIF1 Floor Channel



Gypframe SIF2 Floor Channel



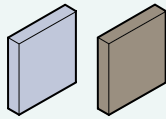
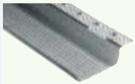
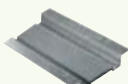


Gypframe SIF4 Floor Channel



■ 55mm x 6.25mm Neoprene Acoustic Isolator

**NB** Bracketed figures indicate gauge.

GypFloor SILENT Quantities Guide

	Gyproc Plasterboards			Gypframe Metal Sections			
							
Floor Dimensions	Gyproc Plasterboard Specification & no of boards			Gypframe RB1 Resilient Bars	Gypframe SIF1 Channels	Gypframe SIF2 Channels	No. of Gyproc Drywall Screws Required for boards (approx)
Area m²	15mm Gyproc SoundBloc 1200mm x 2400mm		19mm Gyproc Plank 2400mm x 600mm	3000	2000	2000	
10	2 layers of SoundBloc	8	8	12	11	3	400
50	2 layers of SoundBloc	36	36	48	60	7	1800
100	2 layers of SoundBloc	70	70	94	120	10	3500

These quantities are APPROXIMATE and DO NOT include wastage

Additional Components & Accessories

<b>Gyproc Sealant</b> for optimum acoustic performance	<b>Isover Insulation</b> to enhance acoustic performance
<b>Gyproc Paper Joint Tape</b> for jointing of plasterboards	<b>Gyproc Finish Plasters</b> to provide a plaster skim finish
<b>Gyproc Jointing Materials</b> for jointing of plasterboards	





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**[www.gyproc.ie](http://www.gyproc.ie)**

