

# FireLine®

A gypsum plasterboard comprises of gypsum compound mixed with fibreglass and micro silica in the core, bounded in pink faced paper.



LEADER  
SGBP 3367

**FireLine® is used in wall partitioning systems, wall linings, and ceiling systems to provide enhanced fire protection. The qualities of the plasterboard enable the development of high-performance fire-rated systems capable of achieving fire ratings of up to 2 hours.**

**Gyproc emphasizes the importance of fire protection for life safety and property protection through the development, testing, and certification of hundreds of systems by local authorities.**



## CHARACTERISTICS

Gypsum plasterboard with fibreglass and micro silica in the core to improve the cohesive properties of the plasterboard at high temperatures.

## RECOMMENDED USE

Suitable for wall and ceiling systems that requires fire performance.

## PRODUCT FORMAT

Thickness	12.5mm*	15mm
Nominal Weight	10.50kg/m <sup>2</sup>	12.45kg/m <sup>2</sup>
Nominal Sheet Size	1220mm x 2440mm	
Edge Type	Recessed Edge	Square Edge
		

\*Available upon request. Use as part of system component.

## FIRE RATING

- Non-combustible in accordance to BS 476: Part 4
- Low fire propagation in accordance to BS 476: Part 6
- Class 1 surface spread of flame in accordance to BS 476: Part 7
- Classified as Class 0 material in accordance to BS 476: Part 6 & 7
- Complete drywall and ceiling system able to provide up to 2 hours fire rating in accordance to BS 476: Part 22

## THERMAL INSULATION

- Recommended design thermal conductivity, k-value 0.18 W/m.K

## MANUFACTURING SPECIFICATIONS

- In compliance with ASTM C1396M and BS EN 520

## HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation

## HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, environmentally friendly
- Green-labelled product endorsed by the Singapore Green Building Council
- Does not produce toxic fumes or hazardous substances that are harmful to health

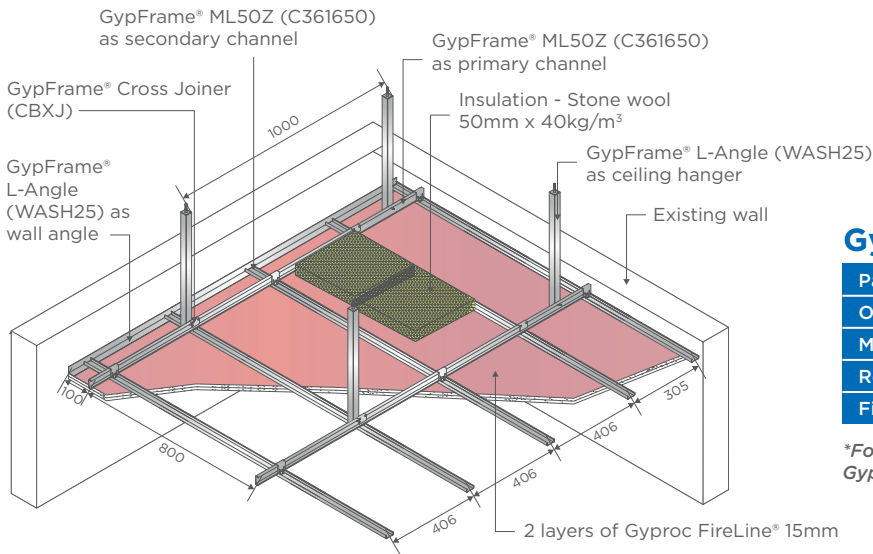
## QUALITY ASSURANCE

- Product is manufactured in a facility certified to ISO 14001, ISO 45001, ISO 9001



Gyproc FIRE system emphasized on the importance of fire protection and provides up to 2 hour fire rating tested and certified by authorities.

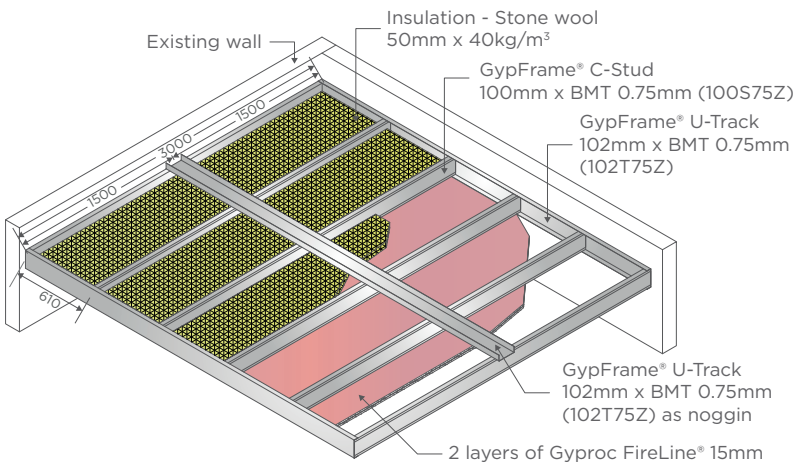
## Gyproc FIRE Concealed Ceiling System (1 Hour Fire-Rated)



### Gyproc ML50Z

Parameters	Values
Overall System Weight	29.50kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Ceiling Drop	≤ 1.50m
Fire Rating (BS 476: Part 22)	1 Hour

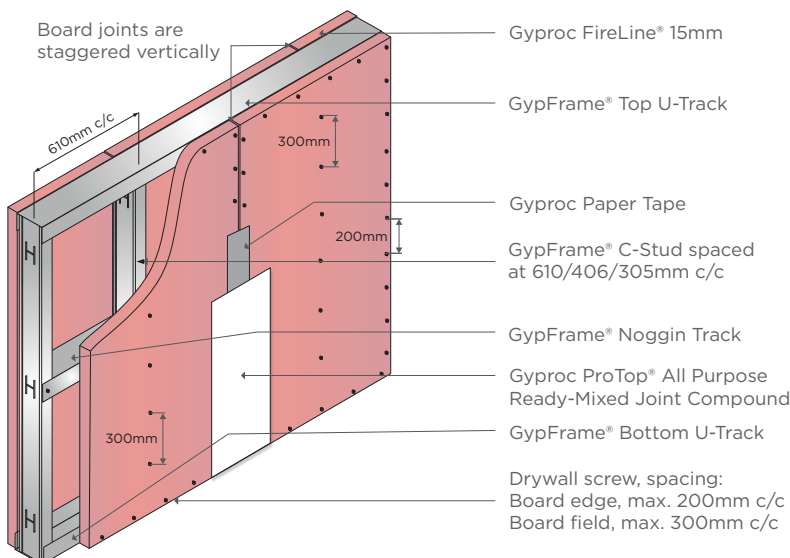
\*For ceiling drop exceeding 1.50m, please contact Gyproc for recommendations.



### Gyproc Self-Supported 100S75Z

Parameters	Values
Overall System Weight	31.00kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Max Span Width	3.00m
Fire Rating (BS 476: Part 22)	1 Hour

## Gyproc FIRE Wall System (1 Hour Fire-Rated)

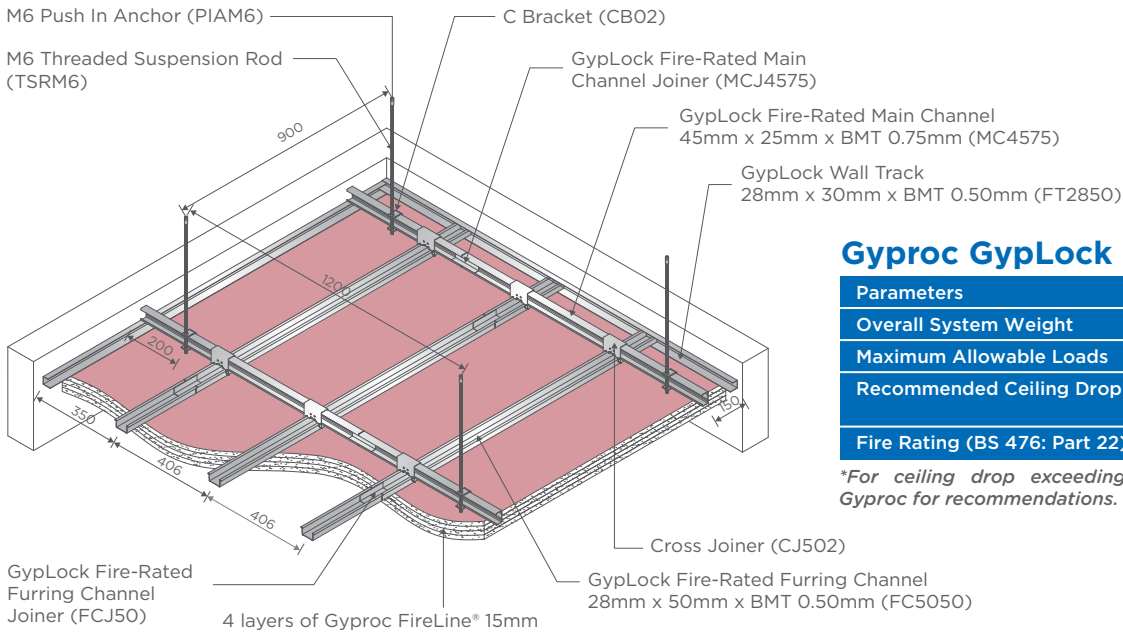


### GypWall® FIRE SLFL

Parameters	Values
Duty Rating (BS 5234: Part 2)	Severe
Fire Rating (BS 476: Part 22)	1 Hour

\*Kindly consult Gyproc for details of system configuration including stud or track, stud spacing etc.

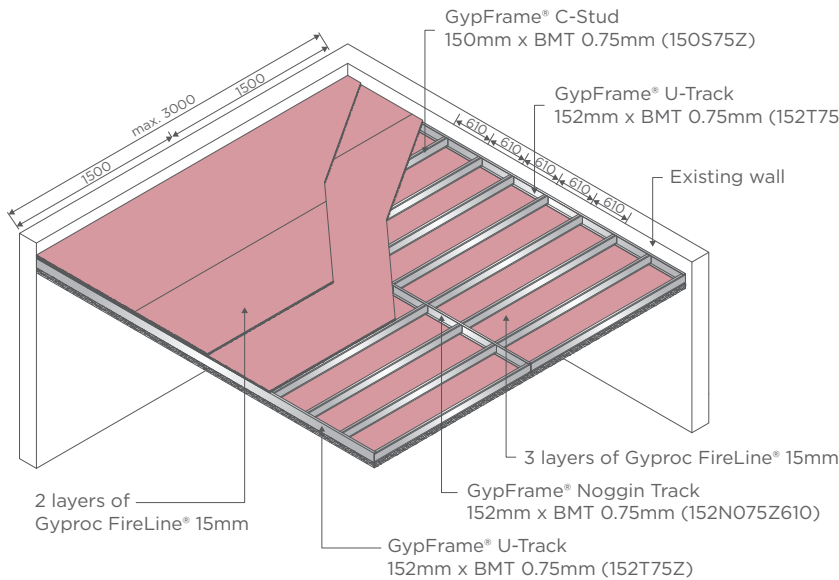
## Gyproc FIRE Concealed Ceiling System (2 Hours Fire-Rated)



### Gyproc GypLock Fire-Rated

Parameters	Values
Overall System Weight	54.00kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Ceiling Drop	>1.50m up to 3.00m
Fire Rating (BS 476: Part 22)	2 Hours

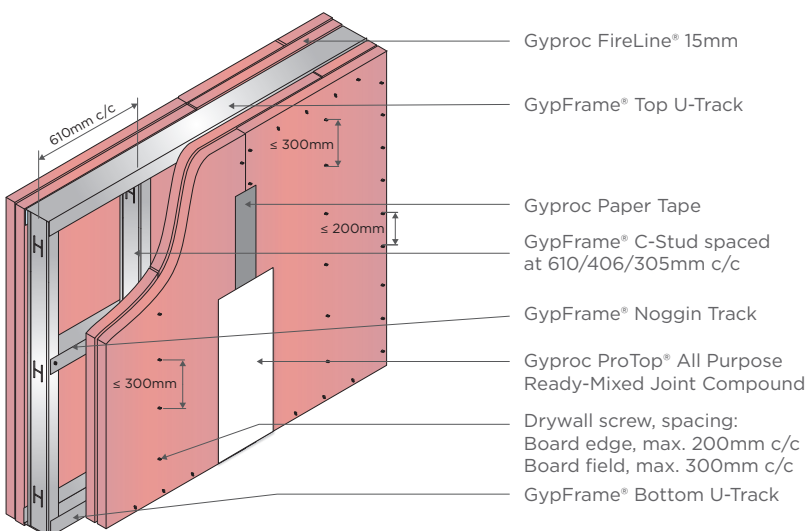
*\*For ceiling drop exceeding 3.00m, please contact Gyproc for recommendations.*



### Gyproc Self-Supported 150S75Z

Parameters	Values
Overall System Weight	70.00kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Max Span Width	3.00m
Fire Rating (BS 476: Part 22)	2 Hours

## Gyproc FIRE Wall System (2 Hours Fire-Rated)



### GypWall® FIRE DLFL

Parameters	Values
Duty Rating (BS 5234: Part 2)	Severe
Fire Rating (BS 476: Part 22)	2 Hours

*\*Kindly consult Gyproc for details of system configuration including stud or track, stud spacing etc.*



# FireLine®

*For wall partitioning, wall lining, and ceiling systems that provide enhanced fire protection.*

**Disclaimer:**  
*The images provided are for reference only. Kindly obtain confirmation from Gyproc's Technical Support Personnel before submission of specification for any project. The information in this literature is accurate at the time of publishing. The publisher reserves all rights to revise the product specifications without prior notice. It is the user's responsibility to ensure that the information communicated here is current before use and that the information provided here is for guidance only. Users must ensure that they are fully conversant with the products and systems before specification or installation.*



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