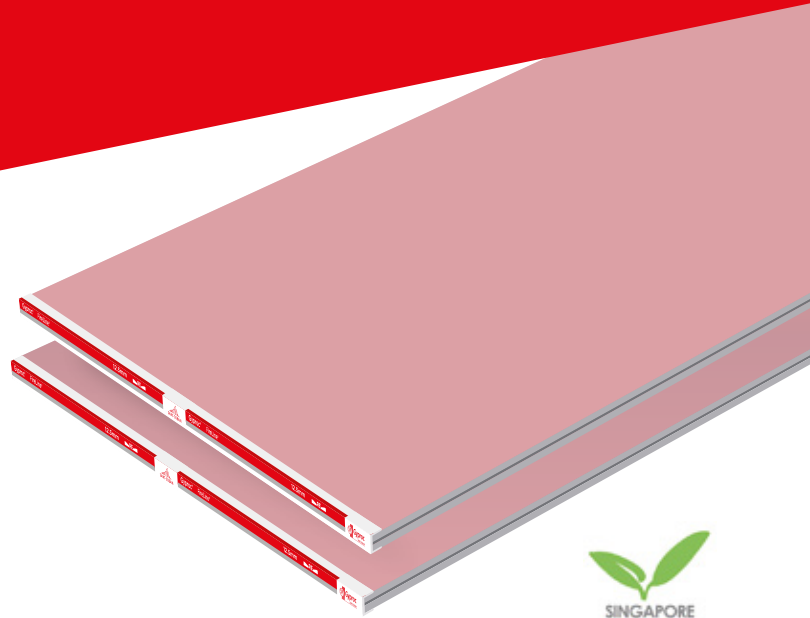


# FireLine®



## FireLine®

FireLine® board comprises of gypsum compound mixed with fiberglass and micro silica in the core, bounded in pink faced paper. It is universally used in Gyproc® wall partitioning systems, wall linings and ceiling systems to give increased fire protection. The qualities of the board allows high-performance fire rated systems to be developed for fire rating up to 2 hours.

Gyproc® emphasized on the importance of fire protection on Life Safety and Property Protection through hundreds of systems developed, tested and certified by local authorities.



## CHARACTERISTICS

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

## RECOMMENDED USE

Universally used for walls and ceiling system that requires fire performance.

## PRODUCT FORMAT

Thickness	12.5mm*	15mm
Nominal Weight	10.50kg/m <sup>2</sup>	12.50kg/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

- Provides up to 120 minutes fire resistance in accordance to BS 476 Part 22 (FireLine® in GypWall® system), using 15mm Fireline®
- 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 local building regulation
- Low flame spread index <25 in accordance to ASTM E84

## MANUFACTURING SPECIFICATIONS

- In compliance with ASTM C 1396 and BS EN 520

## HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation

## THERMAL INSULATION

- Thermal resistance value (R) between 0.06-0.1sq m K/W (depending on thickness)
- Low thermal convection (U) between 10-16.7 K/W (depending on thickness)

## HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

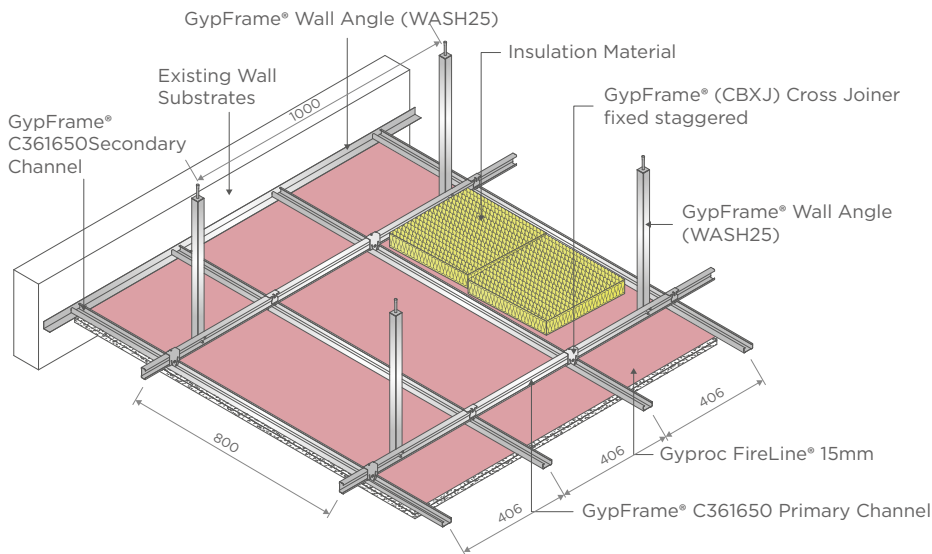
- Made from 100% natural gypsum
- Recyclable material, hence environmentally friendly and certified with Green Product Certification Scheme
- Does not product toxic fumes or hazardous substance that are harmful to health
- Product is manufactured in a facility certified to standards of ISO 14001 and ISO 9002



## Gyproc® FIRE System

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

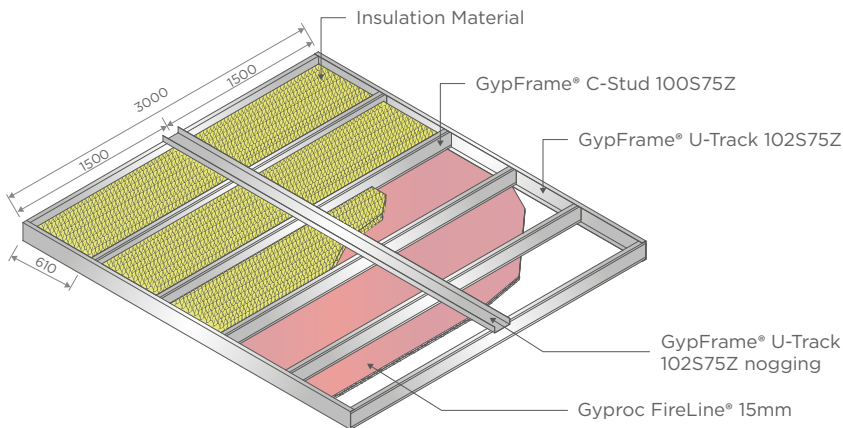
### Gyproc® FIRE Concealed Ceiling System (1 Hour Fire Rated)



#### 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 (BS476:PART22)	1 Hour

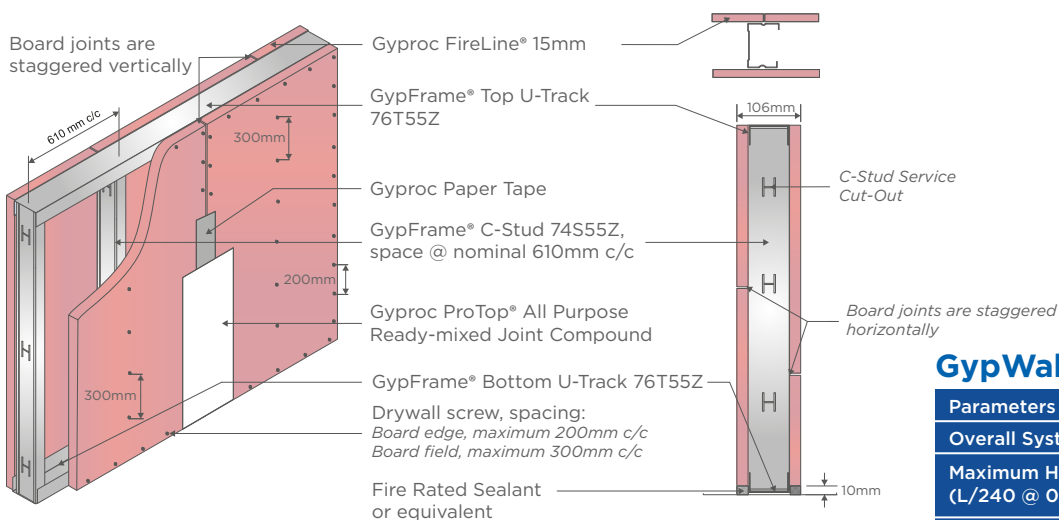
\*For ceiling drop more than 3.00m please contact Gyproc® for recommendation



#### Gyproc® Self-Supported 100S75Z

Parameters	Values
Overall System Weight	30.00kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Maximum Span Width	3.00m
Fire Rating (BS476:PART22)	1 Hour

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

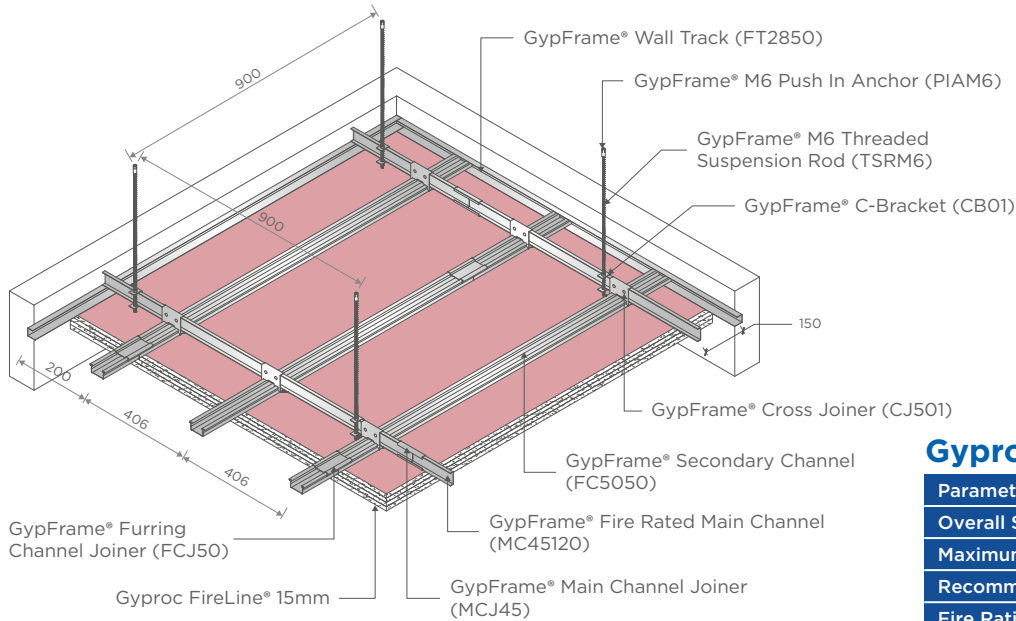


#### GypWall® FIRE 74S55Z.SLFL

Parameters	Values
Overall System Weight	27.50kg/m <sup>2</sup>
Maximum Height (L/240 @ 0.25kPa)	4.30m
Fire Rating (BS476:PART22)	1 Hour

\*Wall height more than 3.80m please consult Gyproc® for recommendation

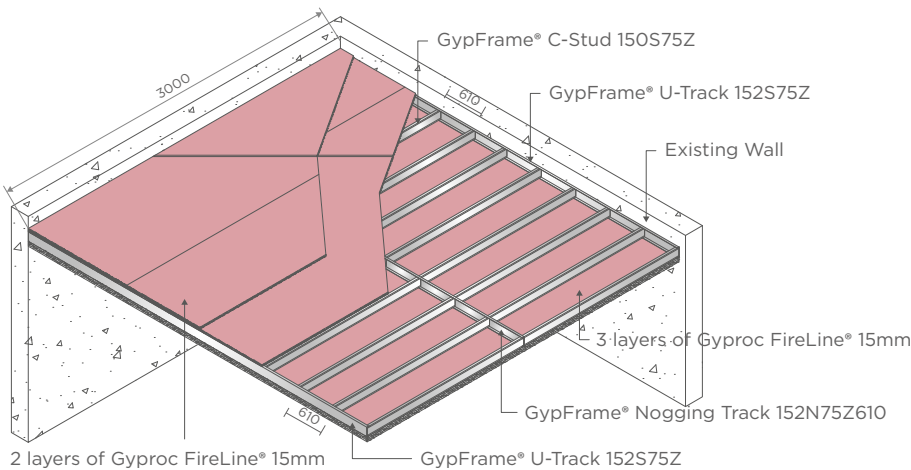
## Gyproc® FIRE Concealed Ceiling System (2 Hours Fire Rated)



### Gyproc® GypLock™ Fire Rated

Parameters	Values
Overall System Weight	54.0kg/m <sup>2</sup>
Maximum Allowable Loads	3.00kg/m <sup>2</sup>
Recommended Ceiling Drop	>1.50m up to 3.00m
Fire Rating (BS476:PART22)	2 Hour

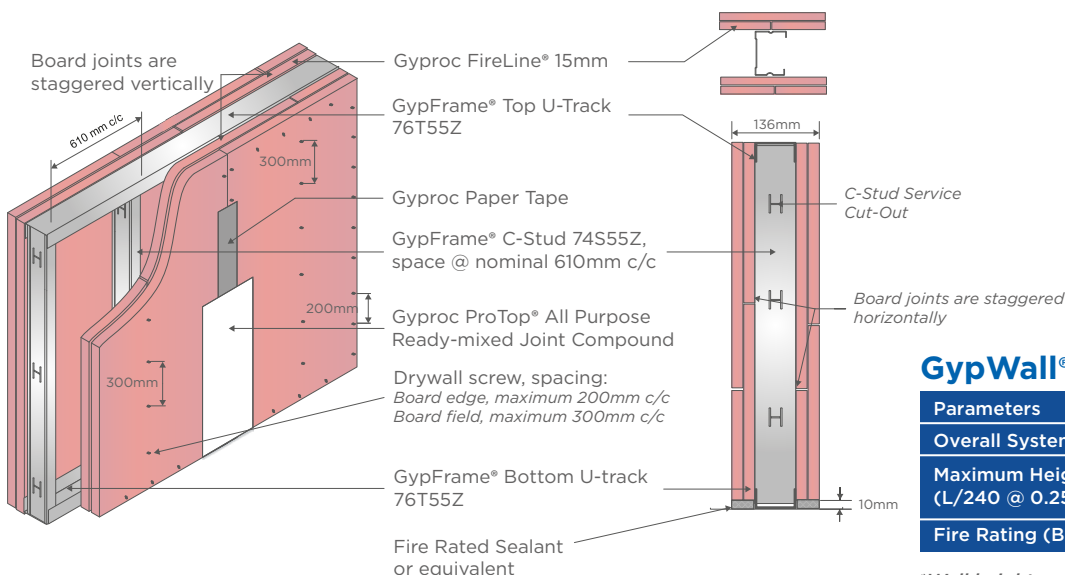
\*For ceiling drop more than 3.00m please contact Gyproc® for recommendation



### 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 Maximum Span Width	3.00m
Fire Rating (BS476:PART22)	2 Hour

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



### GypWall® FIRE 74S55Z.DLFL

Parameters	Values
Overall System Weight	52.00kg/m <sup>2</sup>
Maximum Height (L/240 @ 0.25kPa)	4.13m
Fire Rating (BS476:PART22)	2 Hour

\*Wall height more than 3.80m please consult Gyproc® for recommendation



# FireLine®



SCAN ME



**Saint-Gobain Malaysia Sdn. Bhd.**(636775-T)  
No.1, Jalan Sultan Mohamad 4  
Kawasan Perindustrian Bandar  
Sultan Suleiman, Port Klang,  
42000 Selangor, Malaysia.  
Tel: +603 3169 5588  
Fax: +603 3169 5688  
Email: solutions.my@saint-gobain.com  
[www.gyproc.my](http://www.gyproc.my)

SINGAPORE OFFICE  
**Saint-Gobain (Singapore) Pte.Ltd.**  
2 Venture Drive, #09-10/11/12/13/14  
Vision Exchange  
Singapore 608526  
Tel: +65 6330 8288  
[www.gyproc.sg](http://www.gyproc.sg)