

# FireLine®

Gyproc® 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 4 hours in accordance to international standards such as ASTM and BS.

Gyproc® emphasized on the importance of fire protection on Life Safety and Property Protection through hundreds of systems developed, tested and certified by authorities such as BOMBA Malaysia and TÜV SÜD.



# FireLine®





## CHARACTERISTICS

Gypsum plasterboard with fibreglass 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 

## FIRE RATING

- Provides up to 120 minutes fire resistance in accordance to BS 476 Part 22 (FireLine® in GypWall® system)
- 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

## THERMAL INSULATION

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

## HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation

## MANUFACTURING SPECIFICATIONS

- In compliance with ASTM C 1396 and BS EN 520

## CERTIFIED BY

- Jabatan BOMBA dan Penyelamat Malaysia

## HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, hence environmental friendly and certified with Green Product Certification Scheme
- Does not produce 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.



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