



## GYPSEMNA FIRE WALL

## GYPSUM BOARD FW - 18mm



### DESCRIPTION

Gypsemna Fire Wall (FW - 18mm) is an interior gypsum board consisting of a solid-set, fire-resistant Type X gypsum core, enclosed in magenta-coloured face paper and a strong liner back paper. The board provides enhanced fire resistance when used in tested assemblies. The long edges are slightly tapered to allow joints to be reinforced and concealed with joint tape and joint compound. Both the face and back papers are 100% recyclable.

### BASIC USES

Gypsemna Fire Wall (FW - 18mm) is used for interior walls and ceilings in all building applications requiring extended fire ratings. It can be used for both new construction or renovations with steel framing. The boards are typically screwed to studs spaced maximum of 600mm and can also be applied by laminating or with the use of adhesive.

### ADVANTAGES

- Fire-rated up to 2 hours.
- Consistently high quality.
- Uniform, flat, and attractive appearance with no shadows.
- High edge hardness.
- High-strength core eliminates crumbling and cracking.
- Consistent tapered edges for perfect joints.
- Excellent thermal barrier and sound attenuation properties.
- Green certified and qualifies as a low-VOC product.

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

Nominal thickness	18mm
Nominal width	1200mm
Standard length	2400, 3000mm
Nominal weight	15.60kg/m <sup>2</sup>
Edges	TE, SE
Colour	Magenta

#### FIRE PERFORMANCE

Core type	Type X
Combustibility	Non combustible core
Surface burning characteristics	Class A
Flame spread	0
Smoke development	15

### STANDARDS & REFERENCES

ASTM C1396	Product standard compliance.
ASTM C473	Standard test methods for physical testing of gypsum panel products.
ASTM C840	Standard specification for application and finishing of gypsum board.
ASTM E84	Standard test method for surface burning characteristics of building materials.
EN 520 (Type F and D)	Standard for gypsum plasterboard performance.