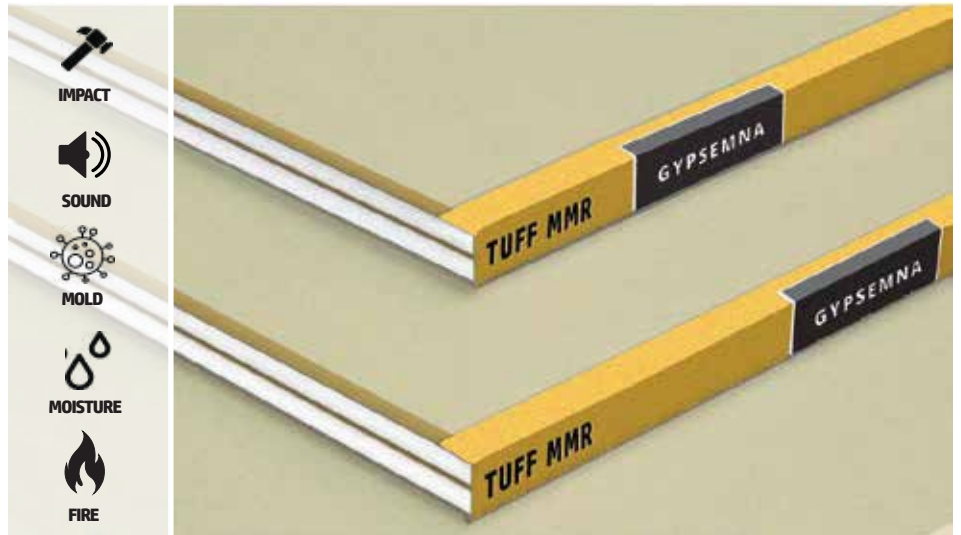




GYPSEMNA

TUFF MMR

GYPSUM BOARD
TFMMR-12.5mm



DESCRIPTION

Gypsemna Tuff Mold and Moisture Resistant (TFMMR - 12.5mm) is an interior gypsum board consisting of a solid-set, fire, mold, and moisture-resistant Type X gypsum core, enclosed in yellow-coloured face paper and a strong liner back paper. The board features a specially formulated core that provides high impact resistance, sound blocking, and fire protection, making it suitable for high-traffic areas where interior damage is likely to occur. Both the face and back papers are 100% recyclable.

BASIC USES

Gypsemna Tuff Mold and Moisture Resistance (TFMMR – 12.5mm) is used for interior walls and ceilings in all building application categories requiring enhanced mold and moisture resistance, impact resistance, sound blocking, and fire ratings. This impact- and abrasion-resistant board is designed for use in areas prone to cavity penetration and within high-performance wall assemblies.

TECHNICAL DATA

PHYSICAL PROPERTIES

Nominal thickness	12.5mm
Nominal width	1200mm
Standard length	2400, 3000mm
Nominal weight	10.47kg/m ²
Edges	TE, SE
Colour	Yellow

FIRE PERFORMANCE

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

ADVANTAGES

- Provides superior impact resistance, minimising surface indentation; designed for heavy-duty applications and low maintenance.
- Uniform high-strength core eliminates crumbling and cracking.
- Fire-rated up to 2 hours.
- High Sound Transmission Class (STC) rating verified by a third-party acoustical laboratory in accordance with ASTM E90.
- The core is reinforced with fibreglass mesh to enhance resistance to heavy impact and puncture forces.
- Green certified and qualifies as a low-VOC product.

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.
ASTM D3273	Standard test method for resistance to growth of mould on surface.
EN 520 (Type D, F, H1, I and R)	Standard for gypsum plasterboard performance.