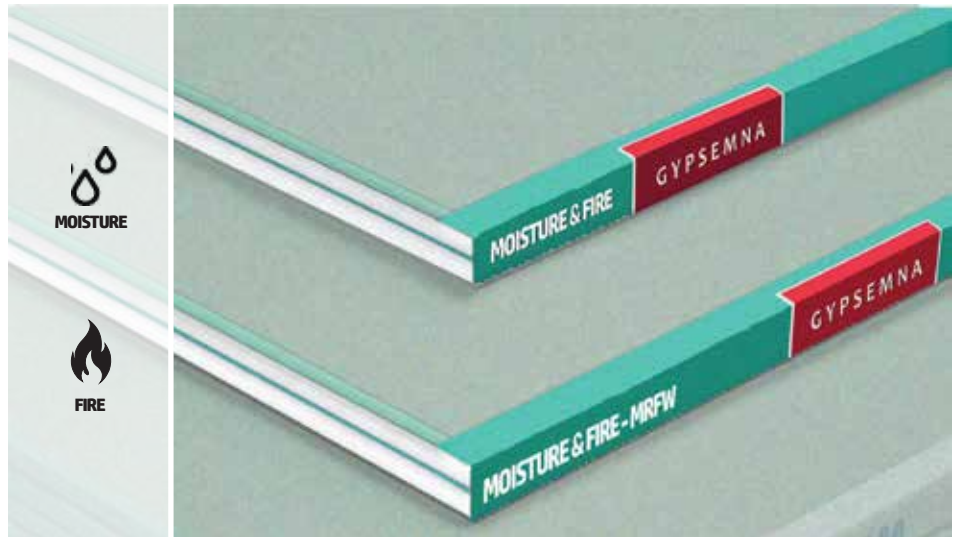




GYPSEMNA
MOISTURE
RESISTANT FIREWALL
GYPSON BOARD
MRFW-12.5mm



DESCRIPTION

Gypsemna Moisture Resistant Firewall (MRFW - 12.5mm) is an interior gypsum board consisting of a solid-set, moisture- and fire-resistant Type X gypsum core, enclosed in light green-coloured face paper and a strong liner back paper. The board provides excellent moisture and fire resistance when used in tested wall and ceiling 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 Moisture Resistant Firewall (MRFW - 12.5mm) is used for interior walls and ceilings in all building applications requiring extended moisture and fire resistance. This makes Gypsemna MRFW an ideal choice to use in wet areas such as kitchens, bathrooms and laundries. It is also designed as a substrate for ceramic tiles. It can be used for new constructions, renovations and steel framings.

ADVANTAGES

- Fire-rated up to 2 hours.
- Moisture resistant
- 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	12.5mm
Nominal width	1200mm
Standard length	2400, 3000mm
Nominal weight	10.31kg/m ²
Edges	TE, SE
Colour	Light green

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 I, F and H1)	Standard for gypsum plasterboard performance.