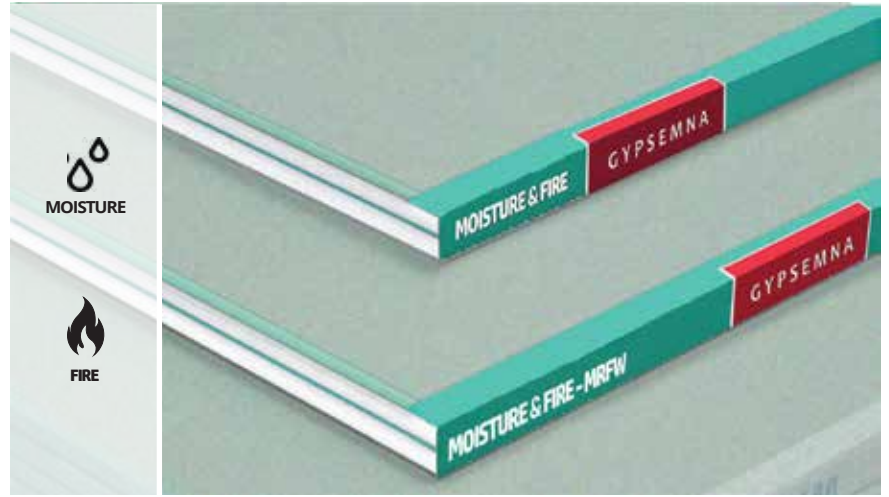




GYPSEMNA
MOISTURE
RESISTANT FIREWALL
GYPSON BOARD
MRFW - 16mm



DESCRIPTION

Gypsemna Moisture Resistant Firewall (MRFW - 16mm) 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 - 16mm) 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 | 16mm |
| Nominal width | 1200mm |
| Standard length | 2400, 3000mm |
| Nominal weight | 13.00kg/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. |