

MRFW – 12.5mm

Moisture Resistance

Fire Wall

GYPSUM BOARD

09 29 00/GC

Description

The Gypsemna's **MOISTURE RESISTANCE FIREWALL (MRFW - 12.5mm)** Type X Gypsum Board is an interior gypsum board consisting of a solid set, moisture and fire-resistant, Type X gypsum core enclosed in GREEN-colored face paper and a strong liner back paper. Gypsemna's MRFW Type X board features a specially formulated core providing moisture and fire resistance ratings when used in tested assemblies. Long edges are slightly tapered, allowing joints to be reinforced and concealed with joint tape and joint compound. The face paper and the back paper are 100 percent recycled.

Basic Uses

The Gypsemna's **MOISTURE RESISTANCE FIREWALL (MRFW - 12.5mm)** Type X Gypsum Board is used for interior walls and ceilings in all buildings categories applications requiring moisture and fire ratings an ideal choice as a moisture resistant substrate for use in wet areas such as kitchens and bathrooms, behind sinks and basins and in shower cubicles. Also designed as a substrate for ceramic tiles. It can be used for new construction or renovations steel framing.

Advantages

- Fire ratings up to four hours.
- Moisture Resistance.
- Consistently high quality.
- Uniformly flat, attractive appearance.
- High edge hardness.
- Uniform high-strength cores eliminate crumbling, cracking.
- Edge tapers consistent to form perfect joints.
- Excellent thermal barrier and sound attenuation qualities.
- Green certified.
- Qualifies as a low-VOC

Technical Data

Physical Properties

Thickness, Nominal	12.5mm
Width, Nominal	1200mm
Length, Standard	2400mm, 3000mm
Weight, Nominal	9.0kg/m ²
Edges	TE, SE
Color	Green Color

Fire-Resistance Characteristics ASTM E84

Core Type	Type X
Combustibility	Non-combustible Core
Surface Burning Characteristics	Class A
Flame Spread	0
Smoke Development	15

Standards and 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 & H1 standard for Performance of Gypsum Plasterboards

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