TFMMR – 12.5mm
Tuff Mold & Moisture Resistance
GYPSUM BOARD
09 29 00/GC

Description

The Gypsemna's **TUFF MOLD AND MOISTURE RESISTANCE (TFMMR - 12.5mm)** Type X Gypsum Board is an interior gypsum board consisting of a solid set, fire-resistive, Type X gypsum core enclosed in YELLOW-colored face paper and a strong liner back paper. It also has a specially formulated core to provide mold and moisture resistance, high impact, abuse, sound block and fire-resistance ratings, into an all-in- one board that can protect those high-traffic areas where interior damage is likely to occur. The face paper and the back paper are 100 percent recycled.

Basic Uses

The Gypsemna's TUFF MOLD AND MOISTURE RESISTANCE (TFMMR - 12.5mm) Type X Gypsum Board is used for interior walls and ceilings in all buildings categories applications requiring extended mold and moisture resistance, impact, sound block and fire ratings. Is it likely that heavy objects could strike or penetrate the wall, will hard objects potentially drag along the wall surface? This impact and abuse - resistant gypsum board is designed for use in areas prone to cavity penetration and in wall assemblies where surface abrasion is a concern, high humidity performances in wet areas.

Advantages

- Offers greater protection against impact that can lead to indentation, and helps to prevent damage that adds maintenance cost, severe duty board.
- Fire ratings up to four hours.
- Helps inhibit mold growth with the highest possible score(10)(ASTM D3273)
- Provides high-rated Sound Class Transmission (STC) values per independent third-party acoustical laboratory using ASTM E90 test.
- Features fiberglass mesh embedded into its core, one of the toughest components.
- Uniform high-strength cores eliminate crumbling and cracking.
- Qualifies as a low-VOC.
- Green certified.
- Has <6% water absorption per ASTM C473.

Technical Data

Physical Properties

Thickness, Nominal	12.5mm
Width, Nominal	1200mm
Length, Standard	2400mm, 3000mm
Weight, Nominal	10.70kg/m2
Edges	TE, SE
Color	Yellow 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
- ASTM D3273	Standard Test Method for Resistance to Growth of Mold on Surface
- EN 520	Type D, F, H1, I and R standard for performance of gypsum plasterboards

Get in touch

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