

# CB MRFW - 25mm

## Core Board Moisture Resistance Fire Wall

**GYPSUM BOARD**  
**09 29 00/GC**

### Description

Gypsemna's **CORE BOARD MOISTURE RESISTANCE FIREWALL (CB - MRFW - 25mm)** Type X Gypsum Board is an interior gypsum board consisting of a solid set, moisture and fire-resistive, 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

Gypsemna's CORE BOARD MOISTURE RESISTANCE FIREWALL (CB - MRFW - 25mm) Type X Gypsum Board panels are designed to be used in construction of lightweight fire barriers for cavity shafts, area separation walls and stairwells for 1 hour to 4 hours assemblies in multi-family housing. The panels are key components in the C-H, C-T, IStud Cavity Shaftwall System and the H-Stud. Area Separation Wall System.

### Advantages

- Fire ratings up to four hours.
- Moisture Resistance.
- The gypsum core will not support combustion or transmit temperatures greatly in excess of 212°F (100°C) until completely calcined, a slow process.
- Uniform high-strength cores eliminate crumbling, cracking.
- Excellent thermal barrier and sound attenuation qualities.
- Expansion and contraction under normal atmospheric changes is negligible.
- Green certified.
- Qualifies as a low-VOC

### Technical Data

#### Physical Properties

Thickness, Nominal	25mm
Width, Nominal	600mm
Length, Standard	2400mm, 3000mm
Weight, Nominal	20.10kg/m <sup>2</sup>
Edges	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**

## Get in touch

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