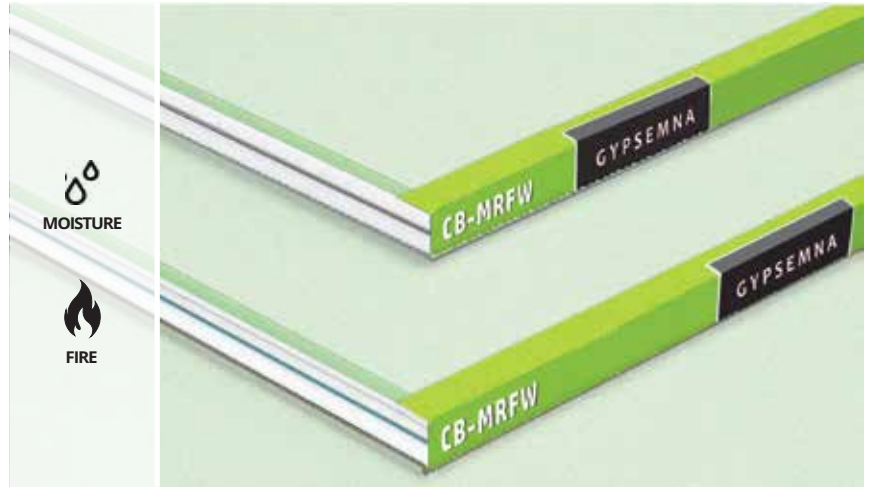




GYPSEMNA
CORE BOARD MOISTURE
RESISTANCE FIRE WALL

GYPSUM BOARD
CB-MRFW - 25mm



■ **DESCRIPTION**

Gypsemna Core Board Moisture Resistant Firewall (CB - MRFW - 25mm) is an interior gypsum board consisting of a solid-set, moisture- and fire-resistant Type X gypsum core, enclosed in green-coloured face paper and a strong liner back paper. The board provides superior moisture and fire protection 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 Core Board Moisture Resistant Firewall (CB-MRFW-25mm) are engineered for use in lightweight fire barriers construction, including cavity shafts, area separation walls, and stairwells, providing 1 to 2 hours rated assemblies in multi family housing. The panels are key components in the CH-Stud and E-Stud.

■ **ADVANTAGES**

- Fire-rated up to 2 hours.
- Moisture Resistant
- The gypsum core is non-combustible and resists heat transfer, remaining stable at temperatures up to 212°F (100°C) until it gradually calcine
- Uniform, flat, and attractive appearance with no shadows.
- High-strength core eliminates crumbling and cracking.
- Excellent thermal barrier and sound attenuation properties.
- Expansion and contraction under normal atmospheric changes is negligible.
- Green certified and qualifies as a low-VOC product.

■ **TECHNICAL DATA**

PHYSICAL PROPERTIES

Thickness, Nominal	25mm
Width, Nominal	600mm
Length, Standard	2400, 3000mm
Weight, Nominal	20.10kg/m ²
Edges	SE
Colour	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.