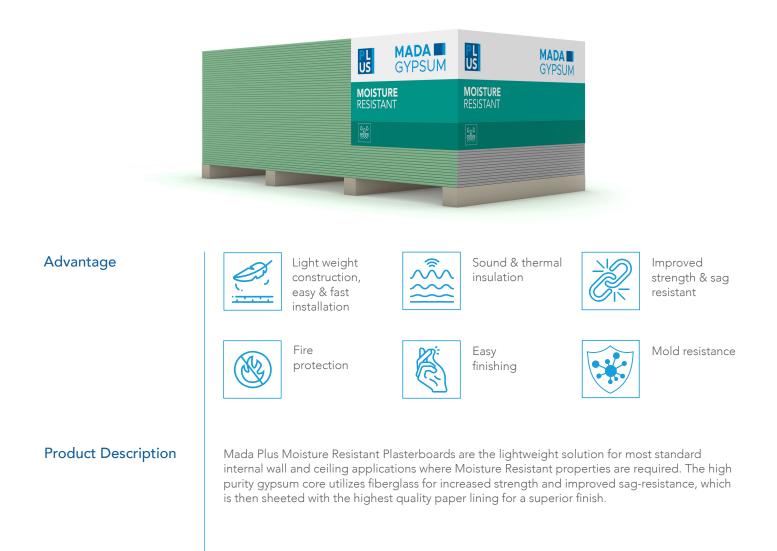


www.madagypsum.com

## MADA PLUS **MOISTURE RESISTANT** PLASTERBOARD

## **Technical Data Sheet**



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## **Field of Application**

- Residential buildings.
- Commercial buildings.
- Hospitals.
- Airports.
- Educational settings.
- Light industrial and manufacturing projects.

Manufacturing **Standards** 

- Mada Plus Moisture Resistant Plasterboards are designed and produced to ASTM C1396 / C1396M and EN 520 Type H1 standards.
- Mada Plus Moisture Resistant Plasterboard has been tested in accordance with ASTM E84 and ASTM C473.
- Fire Rating (Mada System application) Tested as per ASTM E119.
- Acoustic Rating (Mada System application) Tested as per ASTM E90.
- Volatile Organic Compound (VOC) Tested as per CDPH Standard Method v1.2.



Tested and Certified as part of complete Mada System to ASTM E119 for Fire Rated Systems

## Product **Characteristics**

- Length: Standard length is 2400mm, 2440mm & 3000mm. Special length is 1800mm to 4500mm.
- Width: 1200mm & 1220mm.
- Thickness: 12.5mm, 16mm. Special thickness: 15mm.
- Edge: Tapered, Square, Beveled.
- Color: Green / Grey.

Note: For customized product requirements, contact Mada technical department.

Parameters	Applicable standard	Plasterboard Thickness		
		12.5mm	15mm*	16mm
Weight (kg/m²)	± 0.2	9.8	12.5	12.5
Board Density (kg/m³)	Minimum	768	820	769
Flexural Strength (N) (Longitudinal)	ASTM C1396	≥ 476	≥ 585	≥ 654
	EN 520	≥ 550	≥ 650	≥ 688
Flexural Strength (N) (Transverse)	ASTM C1396	≥ 157	≥ 193	≥ 207
	EN 520	≥ 210	≥ 250	≥ 269
Nail Pull Resistance (N)	ASTM C1396	≥ 327	≥ 374	≥ 390
Water Absorption (%)	ASTM C1396	≤ 5		
	EN 520	H1		
Asbestos (% by weight)	-	No asbestos fibers detected		

\*Special Requirements

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