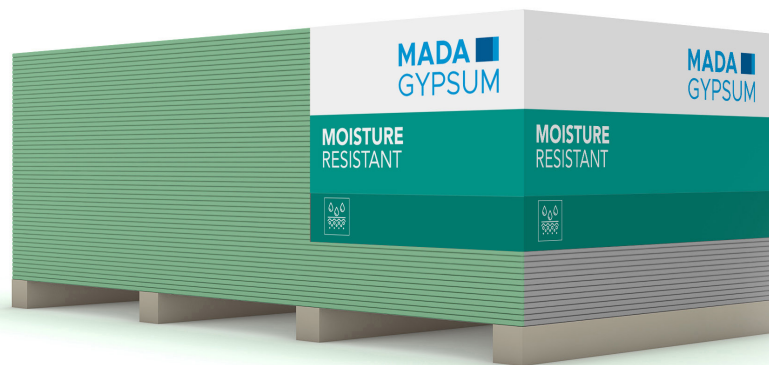


# MADA MOISTURE RESISTANT PLASTERBOARD

## Technical Data Sheet

TDS-PB-R09-Rev1 Mada Moisture Resistant - May 2022



### Advantage



Light weight construction, easy & fast installation



Sound & thermal insulation



Easy finishing



Mold resistance

### Product Description

Mada Moisture Resistant Plasterboards are produced from a high purity gypsum core with moisture resistant additives, all sheeted with the highest quality paper for a smooth and superior finish. Ideal for standard internal wall and ceiling applications where Moisture properties are required.

### Field of Application

Mada Moisture Resistant Plasterboards are used in Residential and Commercial Buildings, Hospitals, Airports, Educational Institutions and other such applications.



## TECHNICAL DATA SHEET

### Manufacturing Standards

Moisture Resistant Board	Board Thickness	ASTM C1396 / C1396M	EN 520 Type H
	8mm	√	√
	9.5mm	√	√
	12.5mm	X	√
	15mm*	√	√
	16mm	√	√
	18mm	√	√

\*Special Requirements

### Product Characteristics

- Length: 2400mm.
- Width: 1200mm.
- Thickness: 8mm, 9.5mm, 12.5mm, 16mm, 18mm. Special thickness: 15mm.
- Edge: Tapered, Square, Beveled.
- Color: Green / Grey.

Note: For customized product requirement, please contact Mada technical department.

### Technical Specification

Parameters	Applicable Standard	Plasterboard Thickness					
		8mm	9.5mm	12.5mm	15mm*	16mm	18mm
Weight (kg/m <sup>2</sup> )	± 0.2	6.0	6.2	7.2	11.4	11.4	12.8
Board Density (kg/m <sup>3</sup> )	Minimum	725	632	560	747	700	700
Flexural Strength (N) (Longitudinal)	ASTM C1396	≥ 279	≥ 343	≥ 476	≥ 585	≥ 654	≥ 717
	EN 520	≥ 344	≥ 400	≥ 550	≥ 650	≥ 688	≥ 774
Flexural Strength (N) (Transverse)	ASTM C1396	≥ 94	≥ 116	≥ 157	≥ 193	≥ 207	≥ 235
	EN 520	≥ 134	≥ 160	≥ 210	≥ 250	≥ 269	≥ 302
Nail Pull Resistance (N)	ASTM C1396	≥ 225	≥ 249	N/A	≥ 374	≥ 390	≥ 420
Water Absorption, %	EN 520	H3 < 25% (H2 < 10% available on request)					
Flame Spread Index	ASTM E84	25 or less					
Smoke Developed Index	ASTM E84	450 or less					
Asbestos (% by weight)	-	No asbestos fibers detected					

\*Special Requirements

### Finishing

For the highest quality finish, we recommend Mada finishing products.

All painting products and systems must follow the recommendations and requirements outlined in the Appendices of ASTM C840. For priming, texture, paint, and wallcovering finishes, always follow manufacturer's directions for proper use.

All surfaces and applied jointing compound must completely dry, dust free, and gloss-free.

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