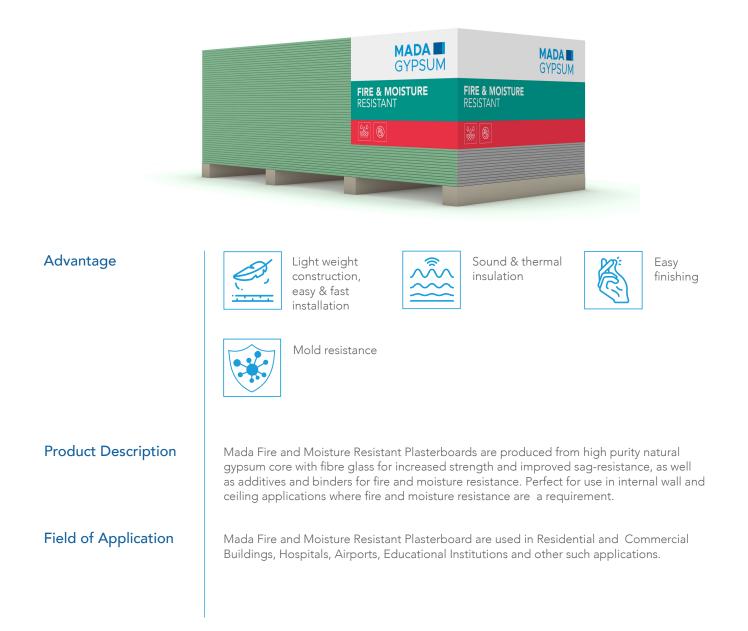
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# MADA FIRE & MOISTURE RESISTANT PLASTERBOARD

## Technical Data Sheet

TDS-PB-R07-Rev1 Mada Fire & Moisture Resistant - May 2022





#### Manufacturing Standards

	Board Thickness	ASTM C1396 / C1396M	EN 520 Type F & H
Fire and Moisture Resistant Board	12.5mm	$\checkmark$	$\checkmark$
	15mm*	$\checkmark$	$\checkmark$
	16mm	$\checkmark$	$\checkmark$
	18mm	$\checkmark$	$\checkmark$

\*Special Requirements

#### Product Characteristics

Technical Specification

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

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

Parameters	Applicable standard	Plasterboard Thickness			
T al allieters		12.5mm	15mm*	16mm	18mm
Weight (kg/m²)	± 0.2	9	11.8	11.8	13.3
Board Density (kg/m³)	Minimum	704	773	725	728
Flexural Strength (N)	ASTM C1396	≥ 476	≥ 585	≥ 654	≥ 717
(Longitudinal))	EN 520	≥ 550	≥ 650	≥ 688	≥ 774
Flexural Strength (N)	ASTM C1396	≥ 157	≥ 193	≥ 207	≥ 235
(Transverse)	EN 520	≥ 210	≥ 250	≥ 269	≥ 302
Nail Pull Resistance (N)	ASTM C1396	≥ 327	≥ 374	≥ 390	≥ 420
Water Absoprtion, %	EN 520	H3 < 25% (H2 < 10% avaialble 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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