

MADA PLUS FIRE & MOISTURE RESISTANT PLASTERBOARD

Product Description

Mada Plus Plasterboards are produced from high purity natural gypsum core being sheeted in a closely adhering best selected paper liners. Mada Plus Fire & Moisture Resistant Plasterboard is lightweight used for standard internal wall and ceiling applications where Fire & Moisture Resistant properties are required.

Field of Application

Mada Plus Fire & Moisture Resistant Plasterboard used in Residential Buildings, Commercial Buildings, Hospitals, Airports, Educational Institutions and other such applications.

Manufacturing Standards

Mada Plus Plasterboards are produced to ASTM C1396 / C1396M Type X & EN 520 Type I, F & H1 standards. Tested accordance to ASTM E84 & ASTM 473



“MGC reserves the right to update technical parameters as per its own discretion. For official use of this TDS please consult Mada Technical department”

Advantages

- Light weight construction, easy & fast installation
 - Good fire protection
 - Good sound insulation & good thermal insulation
- “Part of Mada Plus Drywall System: System performance warranty only by using the proposed Mada plus system products.”*

Product Characteristics

- Length : Standard length is 2400mm & 3000mm. Special length is 1800mm to 4500mm
- Width : 1200mm & 1220mm.
- Thickness : 9.5mm, 12.5mm, 15mm & 16mm.
- Edge : Tapered, Square, Beveled & Round.
- Color : Green / Grey
- Fire Rating (Mada System application) - Tested as per ASTM E119
- Acoustic Rating (Mada System application) - Tested as per ASTM E90

Technical Specification

ASTM C473-06a	Plaster Board Thickness (mm)			
Parameters	9.5	12.5	15	16
Weight (kg / m ²) +/- 0.2	8.5	11.1	13.7	14.6
Min Board Density (kg / m ³)	894	888	913	912
Flame Spread Index	Nil	Nil	Nil	Nil
Smoke Developed Index	Nil	Nil	Nil	Nil
Asbestos (% by weight)	Nil	Nil	Nil	Nil
Flexural Strength (N)(I)	>400	644	742	776
Flexural Strength (N)(II)	>160	270	462	475
Nail Pull Resistance (N)	>260	414	422	443

Material Storage & Handling Conditions

- Mada Plus Plasterboards to be stored on pallets or on a pack of boards and supported evenly on a firm, dry, level and structurally sound floor. Load up to 4 pallets of Plasterboards on each other.
- Do not store any other material on top of Plasterboards.
- Protect Plasterboards from direct rain, sunlight or other extensive weather conditions.
- Mada Plus Plasterboards to be stored in dry area inside the building which is ready to receive drywall fixings.

Material Packing Details

Board Thickness	Boards Per Pallet
9.5 mm	90
12.5 mm	66
15.0 mm	54
16.0 mm	54