



# AG

# FIRE & MOISTURE RESISTANT

## PLASTERBOARD

### Product Description

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

### Field of Application

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

### Manufacturing Standards

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



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

### Advantages

- Light weight construction, easy & fast installation
- Good fire protection
- Good sound insulation & good thermal insulation

### 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 Tested as per ASTM E119
- Acoustic Rating Tested as per ASTM E90

### Technical Specification

ASTM C473-06a	Plaster Board Thickness (mm)			
Parameters	9.5	12.5	15	16
Weight (kg / m <sup>2</sup> ) +/- 0.2	8.5	11.1	13.7	14.6
Min Board Density (kg / m <sup>3</sup> )	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)(F)	>400	644	742	776
Flexural Strength (N)(I)	>160	270	462	475
Nail Pull Resistance (N)	>260	414	422	443

### Material Storage & Handling

#### Conditions

- AG 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.
- AG 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