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 Standard

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

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

<table>
<thead>
<tr>
<th>ASTM C473-06a</th>
<th>Plaster Board Thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameters</td>
<td>9.5</td>
</tr>
<tr>
<td>Weight (kg / m²) / +/- 0.2</td>
<td>8.5</td>
</tr>
<tr>
<td>Min Board Density (kg / m²)</td>
<td>894</td>
</tr>
<tr>
<td>Flame Spread Index</td>
<td>Nil</td>
</tr>
<tr>
<td>Smoke Developed Index</td>
<td>Nil</td>
</tr>
<tr>
<td>Asbestos (% by weight)</td>
<td>Nil</td>
</tr>
<tr>
<td>Flexural Strength (N)(F)</td>
<td>&gt;400</td>
</tr>
<tr>
<td>Flexural Strength (N)(L)</td>
<td>&gt;160</td>
</tr>
<tr>
<td>Nail Pull Resistance (N)</td>
<td>&gt;260</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Board Thickness</th>
<th>Boards Per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.5 mm</td>
<td>90</td>
</tr>
<tr>
<td>12.5 mm</td>
<td>66</td>
</tr>
<tr>
<td>15.0 mm</td>
<td>54</td>
</tr>
<tr>
<td>16.0 mm</td>
<td>54</td>
</tr>
</tbody>
</table>

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