GM GYPSUM

Product Datasheet | GM Gypsum

GM Gypsum Heat Resistance Plasterboard

GM Gypsum Heat Resistance Plasterboard is manufactured from high-purity Calcium Sulphate with two molecules of water stored in a crystalline form, which is encased and bonded between two heavy-duty paper liners. Its uniform core helps to achieve high system performance, consistent quality, strength, and ease of installation.

Certified by:

(THAILAND INDUSTRIAL STANDARDS)	(AMERICAN SOCIETY FOR TESTING AND MATERIAL)	(BRITISH STANDARD INSTITUTION)	(AUSTRALIA / NEW ZEALAND STANDARD)
TIS.219-2552	ASTM C1396,E413	BS 476,5234	AS/NZS 2588 : 2018

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12.5 mm thick GM Heat Resistance Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	500 Min. (As per TS)	>500 (For TS)	N
	550 Min. (As per BS)	>550 (For BS)	
Flexural Strength (Transverse Direction)	180 Min. (As per TS)	>180 (For TS)	N
	210 Min. (As per BS)	>210 (For BS)	
Length	1830 (+0/-5)	1828	mm
Width	1220 (+0/-6)	1219	mm
Thickness	12.5 (+/-0.6)	12.5	mm
Density		880	Kg/cum

Applicable Standards:

TS 2095 (Part 1): 2011 (Reaffirmed - 2016) & BS

Applicable Standards:

GM Gypsum Heat Resistance is a Plasterboard which has solar reflectance of 85% when tested in a laboratory condition. GM Gypsum Fire Resistance Plasterboards are suitable for various applications like false ceilings, drywalls & wall linings on Exterior Wall from inside in Residential & commercial buildings. These boards are quick to install & finally help to achieve seamless finishing. Ideally suited for lining & False ceiling applications on the top floor which is exposed.

General:

It is essential to follow health and safety legislation when working on-site, i.e., adhere to safety guidelines (personal protective clothing and equipment, etc.). Consideration must be given to design criteria for specific project solutions.

Handling:

Manual loading and unloading of plasterboard should be carried out with care to avoid strain.

Cutting:

Use of a plasterboard saw is recommended to cut, or score with a sharp knife and snap the board over a straight edge. Openings like switch boxes or socket points should be cut out using a sharp knife before fixing the boards. Power and hand tools should be used carefully and as per the manufacturer's recommendations.

General:

It is recommended to use appropriate length of drywall screws and take care to install fixings not closer than 13mm from cut edges and 10mm from round edges. Position the boards to the centre line of the metal framing. Staggered horizontal and vertical board joints are recommended as a part of good practice.

Handling:

All Purpose Joint Compound is preferred to be used for jointing and finishing of plasterboard joints. However, GM Gypsum has a range of jointing products like setting and air-drying compounds, which can also be applied, depending upon the climatic conditions and nature of the project.

Cutting:

GM Gypsum Heat Resistance Plasterboard is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness.
All drywall work shall be carried out with trained workforce using the complete system from GM Gypsum.

MANUFACTURE BY:
GYPMART GYPSUM PVT. LTD

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