

Product Data Sheet

GSF Gypsum Board is one of the products within our product range. It is asbestos free product produced in standard dimension of 1220mm x 1830mm. Composed of a gypsum bonded to strong paper liner. **GSF Gypsum Board** is suitable for Drywall, False Ceiling & Partition Systems use.

Technical Specification

Board Dimension	1220mm x1830mm
Thickness	12.5mm
Mass of Board	7.80 (kg/m ²)
Board Face Color	Gray Paper
Board Reverse Color	Brown Paper
Testing Methodology	IS 2542 (Part II): 1981
Chemical Composition	CaSO ₄ . 2H ₂ O (Calcium Sulphate Dihydrate)



Features & Characteristics:

- GSF Gypsum Board is a regular paper plaster board which enjoys many properties such as sound insulation, resistance to heat/ fire and durability.
- GSF Gypsum Board offers wide options in terms of design applicability. It also helps in regulation of temperature and humidity in its indoor.
- GSF Gypsum Board has excellent dimension stability as there is almost no deformation due to the influence of temperature & humidity. It will not warp or create gaps in joint after construction.
- GSF Gypsum Board is made of Gypsum Plaster enclosed with backer papers which makes the product durable, fire resistant and eco-friendly.

Testing Parameters

S.NO	Description	Requirement As Per IS 2095(Part 1) : 2011	Results
1	Thickness (mm)	0.6 mm	12.70
2	Length (mm)	0 to - 5 mm	1830
3	Width (mm)	0 to - 6 mm	1215
4	Mass of Board (Kg/m ²)	-	7.80
5	Transverse Strength (N) Transverse Direction	Minimum 180 N	351
6	Transverse Strength (N) Longitudinal Direction	Minimum 500 N	552

Method of Application/Installation

Disclaimer

It is crucial to implement health and safety regulations when working on site, personal protective gear and equipment should be used. The following instructions are for general guidance only. In practice, site instructions must be considered with regard to specific project solutions.

Handling

Manual off-loading of this product should be carried out with care to avoid unnecessary strain or injury.

Cutting/Sawing

Gypsum Board should be cut using a plaster board saw or by scoring with a sharp knife and snapping the board over a straight edge. Holes for switch or socket boxes should be cut out before the boards are fixed using a utility saw or sharp knife. When cutting boards, power and hand tools should be handled with care and in accordance with the manufacturers guidelines. Power tools should only be used by people who have been trained to use them safely. Necessary personal protective gear should be used.

Installation

Fix boards with plain side out to receive joint treatment or a skim plaster finish. Lightly join boards together. Never force boards into position. Install fixings not closer than 13mm from cut edges and 10mm from bound edges. Position cut edges to internal angles wherever possible, remove paper burrs with fine sandpaper. Stagger horizontal and vertical board joints between layers by a minimum of 600mm. Situate boards to the centre line of GI framing where this supports board edges or ends.

Plastering

The face of GYP Gypsum Board can be plastered with jointing compound for the best finish. There should be little to no delay between completion of the lining and the commencement of plastering.

Joinery

Jointing materials produce durable joint reinforcement and a smooth, continuous, crack-resistant surface ready for priming and finishing. A number of jointing specifications are available to suit the board type, method of application, and site preference, use accordingly.

Decoration & Finishing

After the joint treatment has dried, decoration, including any decorators preparatory work, should follow with minimum delay.