

INDIA GYPSUM: Fire Resistance Gypsum Board

- **Description:** : INDIA GYPSUM plasterboards are produced from high purity natural gypsum core being sheeted in a closely adhering best selected special cardboard.
Plaster mix with some chemical additives into a high speed mixer is discharged continuously between a lower and an upper endless cardboard which passes over a forming table, cutting in requisite length, feeds into a dryer followed by trimming and wrapping of bundles.
- **Application:** Suitable for applications in ceilings and drywalls where a high level of fire protection is required.
- **Characteristics:** Covered with pink cardboard on face side & pink or grey Cardboard on the back side. With red edge tape, INDIA GYPSUM Fire Resistance gypsum wallboard is used as a covering material for interior walls and ceilings in residential and commercial applications that often require specific fire rated assemblies.
- INDIA GYPSUM board is a high quality fire-resistive building material where we give more than 90 minutes fire-resistance rating according to report.
- **Quality Standards:** Plasterboards are produced according to:-
IS 2095 - Part I, 2011,
BS 476 – Class 1 material (Surface spread of flame),
European EN-520,
American ASTM C 1396 standards,
- **Standard Size:** Length 1830/6', Width 1220/4',
- **Standard Thickness:** 12.5 mm
- **Length:** Length can be produced between 1800 mm to 4500 mm (6 to 14.8 ft.)
- Special width of 600, 900, 1219 and 1220 mm are produced on demand.
- **Thickness:** Boards are produced in 8.0, 9.5, 12.5, 15.0, 16.0, 18.0 mm as per demand.

Edges:

- Tapered edge board: This type is common and convenient to use. Paper tapes are fixed between the edges of two boards.
- Square edge board: Untapered board with square edge. Also Beveled and Round edge boards are produced on demand.
- **Breaking Strength:** According to pass EN-520 & ASTM C 1396 standards.
- **Water Absorption:** Maintained water absorption below 10% according to the Standards EN-520 & ASTM C 1396 for Moisture resistant boards.
- Also can be produced according to ASTM C-473 standard on demand, which is below 5%.