

PARTEX
GYPSUM BOARDS

**FIRE
RESISTANT
BOARD**

FIRE RATED*
2h 49min
at $\geq 700^{\circ}\text{C}$



PARTEX GYPSUM FIRE RESISTANT BOARD

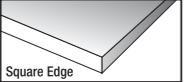
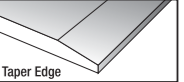
Star Gypsum Board Mills Ltd. is the first gypsum plasterboard factory in Bangladesh, owned by Partex Star Group, situated in Madanpur, Narayanganj. It is capable of manufacturing different types of plasterboards made of most exacting international standards and complies with ASTM C-36, C-1396, C-630, and method C-473. Partex Gypsum Fire Resistant Boards pass the most rigorous quality control inspections to ensure that its high standards are maintained. Partex Gypsum Fire Resistant Boards are delivered rapidly by maintaining a certain level of safety stock in different lengths and thicknesses. Our standard sized boards are suitable for most of the situations but special length/thickness boards can be manufactured as per customer's demand.

Partex Gypsum Fire Resistant Boards have fiberglass incorporated in their plaster core, which enables greater fire-resistant characteristics and prevents fire propagation for up to 2 hours 49 minutes. Pink colored cardboards are used during the manufacturing of fire-resistant boards which are very lucrative. These boards are manufactured to ASTM C-1396 standards and comply with ASTM C-36.

Partex Gypsum Fire Resistant Boards are the new substituents of the traditional internal block walls in Bangladesh, due to their compared lightweight. Thus, reducing the load on the foundations and saving time & costs. It is easy to handle for speedy installation, durable, and easy to repair as well.

SPECIAL FEATURES











- Consists of fiberglass and fire resistant components in its core, reinforcing with more strength and fire properties.
- Designed for fire resistance system up to 2 hours 49 minutes.
- Heat proof and sound insulated
- Easy and more efficient to install.
- Comprising of non-toxic and environment friendly components
- Significant flatness as well as reduction in the risk of developing cracks in joints.
- It can be painted or covered with wallpaper or any other decorative material
- Widely used for partitioning works and false ceiling which requires high standard of sound and fire protection
- It can be used for encashment of steel columns in prefabricated steel buildings
- Ease of installing the electrical and sanitary services
- Elimination of plastering by mixture of water, cement and sand

Thickness (mm)	12	Customization is possible up to 18 mm
Weight (Kg/m ²)	9.07	
Length (mm)	Up to 2440	
Width (mm)	1220	
Shape of Edge	 	

USAGE AREAS

- Residential Projects
- Office & Business Centers
- Hotel, Restaurants or Clubs
- School & Colleges
- Laboratories
- Laundries
- Leisure Facilities
- Medical Center & Hospitals
- High Rise Building Interior Wall
- Fire Exit Elevators & Shaft Walls
- Vault
- Underground Home, Stores or Facilities
- Military Ammunition Depot

BENEFITS

-  **FIRE RESISTANT:** Protects fire for spreading out for at least 2 hours 49 min (700° or more temperature). This is tested by BUET.
-  **DRY CONSTRUCTION:** Clean and dust free work environment
-  **ABILITY TO NEUTRALIZE INTERIOR CLIMATE:** Makes your home comfortable by thermal insulation properties.
-  **INSECT RESISTANT:** 100% insect resistant due to use of minerals in this board.
-  **SOUND INSULATION:** Up to 65 dB possible with insulation.
-  **FAST & EASY INSTALLATION:** 3 to 4 times faster than masonry construction (40-50 m² per day). Also creates and divides spaces according to your needs.
-  **AESTHETIC APPEAL:** Seamless and crack free surfaces, allowing ease of decoration via paint, tiles or wall paper.
-  **NON TOXIC:** It does not containe poisonous substances.
-  **LIGHT WEIGHT:** 8 to 10 times lighter than masonry system.
-  **ENVIRONMENT FRIENDLY:** Green product which is recyclable and is of environment friendly material.

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