



## Royal Gyp Impact Plasterboard



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, Bevelled & Round
Colour	Face: Yellow, Back: Grey

### Field of Application

Royal Gyp Impact Plasterboard used in corridors, Busy areas, Residential Buildings, Commercial Buildings, Hospitals, Airports, Educational Institutions and other such applications.

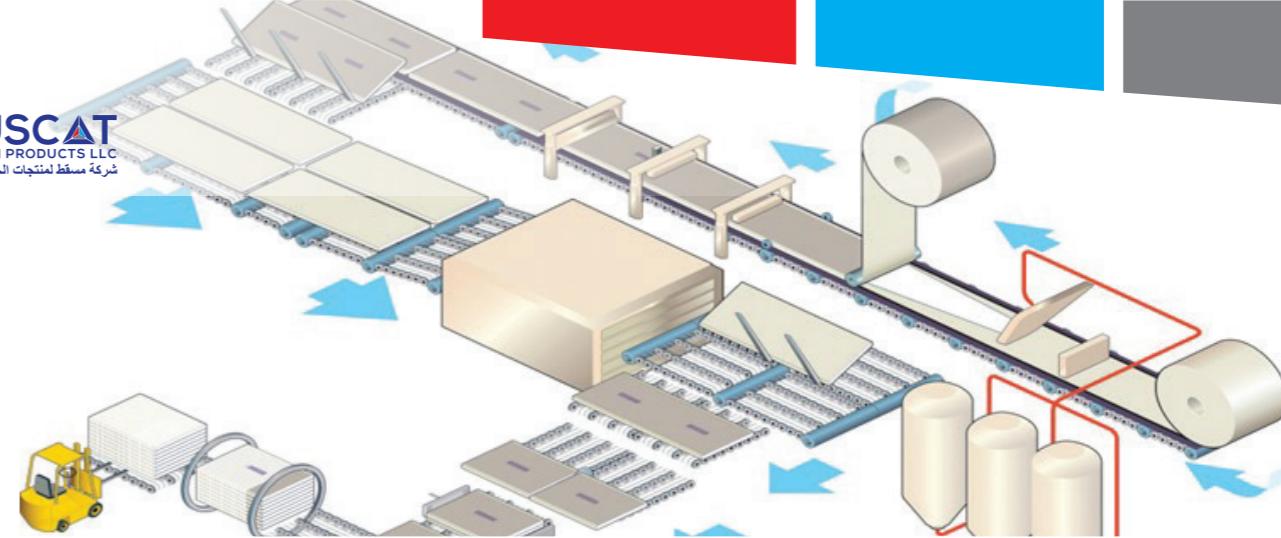
### Manufacturing Standards

Royal Gyp Fire Resistance Plasterboards are produced to ASTM C1396 / C1396M Type X & EN 520 Type I, F standards. Tested accordance to ASTM E84 & ASTM 473

### Product Description

Royal Gyp Impact Plasterboard consists of a high density reinforced gypsum core with glass fibers and special additives encased in a very heavy natural finish strong paper liners. It can be used where high impact resistance, non-combustibility and fire resistance is needed. Royal Gyp Impact Plasterboard is produced from high purity natural gypsum core being sheeted in a closely adhering best selected paper liners.

Properties (per 12.5mm)	ASTM 1396:2006 Specifications	DIN EN 520:2004 Specifications	Specifications
Type	X	F	
Flexural Strength (N) Longitudinal	≥ 480	≥550	≥650
Flexural Strength (N) Transverse	≥175	≥210	≥330
Nail Pull Resistance (N)	≥352	-	370
Core Hardness (N)	≥49	-	≥70
Edge Hardness (N)	≥49	-	≥70
Thickness (mm)	±0.40	±0.5	±0.2
Board Length (mm)	±6.00	0, -5	0, -2.0 mm
Board Width (mm)	0, -3.0	0, -4	0, -2.0 mm
End Squareness (mm)	±3.2	≤2.5	± 2.0
Weight (kg/m <sup>2</sup> )	-	-	9.0±0.2



### Equipments

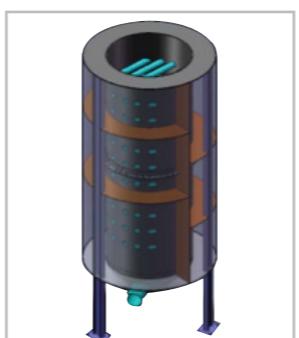
After seeing, Gypsum Products Manufacturing Plants closely since 25 years, we know the effective and efficient equipment manufacturers in the world. So, we choose best equipments from best suppliers in the world (Germany, Canada, Turkey & India). Along with them, we have our own team of experts, who can designs and manufactures some equipments (30% of the total equipment of the plant) in the Gypsum Products Manufacturing Plant. All combined MGPL is using the State of the art technology.



### Calcination for Board plant

**Capacity:** 300,000 Tons per year

**Equipment:** Germany.



### Calcination Plasters

**Type of calcination:** Vertical Kettle

**Capacity:** 75,000 Tons per year

**Equipment:** Turkey / Thailand.



### Plasters Dry Mixing Plant

**Capacity:** 60,000 tons /Year

**Equipment:** India

**Types of Plasters:** 8 type of gypsum plasters