

"Quality is never an accident. It is always the result of intelligent effort."

Quality Policy



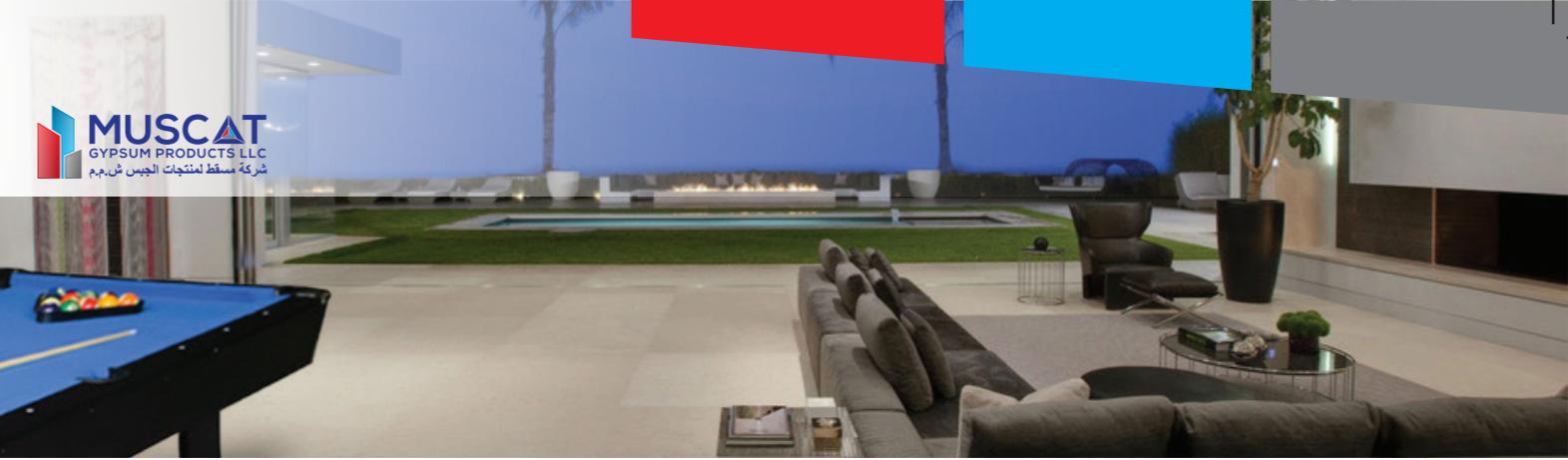
We are driven by our ultimate goal of providing our customers with "total quality solutions". With this in mind, we are committed to operate under the discipline and control of a Quality Management System. We aim to provide total quality management that translates to "100% Customer satisfaction". We continuously seek to develop the skills and expertise of our people and instill in them the importance of quality service. We are committed to the preservation of natural resources and the compliance with all government regulations and statutory requirements. We are committed to deliver a safe and secure environment to all our employees, customers and customers' goods at all times.

Laboratory

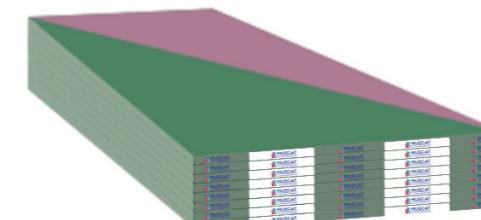


MGPL operates a full length Gypsum lab facilities. We test end-to-end lab process and analysis that duplicate full-scale manufacturing principles to provide fast information to operators at the production plant to produce good quality products.

We analyse Gypsum samples including Rock and other byproduct Gypsum. Using ASTM and EN test methods, we can test lab scale fire resistance, flexural strength, board core structure, impact resistance, humidified deflection and more for various R&D compositions or formulations. We benchmark lab samples, plant trial samples or commercial boards.



Royal Gyp Fire & Moisture Resistance Plasterboard



Field of Application

Royal Gyp fire & moisture Resistant Plasterboard used in Residential Buildings, Commercial Buildings, Hospitals, Airports, Educational Institutions and other such applications.

Manufacturing Standards

Royal Gyp fire & moisture Resistant Plasterboard are produced to ASTM C1396 / C1396M Type X & EN 520 Type I, F & H1 standards. Tested accordance to ASTM E84 & ASTM 473

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: Green, Back: Pink
Water Absorbtion	10 %
Fire rating	Royal system application

Product Description

Royal Gyp fire & moisture Resistant Plasterboard is lightweight for use in standard internal wall and ceiling applications where fire & moisture resistance protection is required. They are produced from high purity natural gypsum core being sheeted in a closely adhering best selected paper liners.

Properties (per 12.5mm)	ASTM C1396:2006 Specifications	DIN EN 520:2004 Specifications	Specifications
Type	X	F	
Flexural Strength (N) Longitudinal	≥ 480	≥ 550	≥ 570
Flexural Strength (N) Transverse	≥ 175	≥ 210	≥ 240
Nail Pull Resistance (N)	≥ 352	-	360
Core Hardness (N)	≥ 49	-	≥ 70
Edge Hardness (N)	≥ 49	-	≥ 60
Thickness (mm)	± 0.40	± 0.5	± 0.2
Board Length (mm)	± 6.0	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 ²)	-	-	9.0±0.2
Water Absorption	≤ 5.0%	H-1, H-2, H-3	As per your request
Surface Water Absorption	≤ 1.5%	-	9.0±0.2