

LOOKING FOR A BETTER WAY TO DESIGN CEILING & PARTITIONS ?



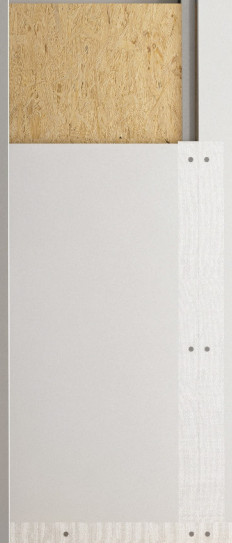
PROBOARD™

High Performance
Gypsum Board
For Ceilings and Partitions



THE **RIGHT** BOARD FOR EVERY APPLICATION

Proboard™ Manufactured from the highest quality gypsum,
Our Gypsum Boards are versatile, strong and easy to use



CLASSIC | AQUABLOC | FIREBLOC | M-HBLOC

Gypsum Boards

Gypsum Board is the generic name for a family of panel-type products consisting of a noncombustible core and it is often called drywall, wallboard, or plasterboard. Gypsum Board is an interior wall and ceiling lining material, it has a wide range of applications in both new construction and rehabilitation work. The creativity of the architects and interior designers has resulted Gypsum board ceilings and partitions in various decorative designs which **BUILD BETTER FASTER**.



SUPER GREEN SOLUTION

Gypsum Board ranges of products are environmental friendly building materials and can readily be incorporated into sustainable development projects.

ARISH™ ProBoard™ range are manufactured for life and are designed to achieve optimal performance.



ProBoard™ comes in comprehensive range of high quality boards, utilizing the best materials coupled with precision engineering to match specific customer requirements

● Classic

Classic gypsum wallboard is a light weight board is designed for interior walls or ceilings in new residential construction, renovation projects or commercial which require no special protection from fire or moisture.

● AquaBloc

AquaBloc gypsum boards is a specially processed panel, which are manufactured using a green face paper added with special water repellent additives encased to withstand the effect of moisture and high humidity. It intended to provide a moisture resistant base for the adhesive application of ceramic or plastic tile and plastic-faced wall panels in limited wet areas, e.g., bathrooms, powder rooms, kitchens, laundry, and utility rooms.

● FireBloc

FireBloc gypsum board is the preferred product for wall partitions and ceiling which requires special protection from fire. The core has been reinforced with the addition of fibers, increasing its strength and providing fire resistance ratings when used in tested assemblies. In construction today, fire protection remains a primary consideration and we take pride in the reliability and effectiveness of our fire resistant board.

● M-H Bloc

M-HBloc gypsum board is a multipurpose board which is especially design where moisture and heat resistance is required. Classis Gypsum wallboard is bonded with the special aluminum foil sheet at the back liner of the board to provide reflection of thermal radiation, allowing comfort temperature level in the area. In Cold climates, this panel forms an effective vapor retarder for walls and ceiling when applied with foil surface next to framing on interior of the exterior wall. M-HBloc Gypsum panels provide a water-vapor retarder to help prevent interior moisture from entering wall and ceiling spaces.

***Gypsum board manufactured by Arish® contains no asbestos.**
























Application:

Gypsum products are non-combustible, highly versatile and can be used for various residential and commercial applications.

The best known uses of Gypsum Board are:

SUSPENDED CEILINGINGS | DRYWALL PARTITIONS | WALL LININGS

Board-wise Specifications

<p>KEY</p> <p>Edge Profile</p>  <p>Square Edge</p>  <p>Tapered Edge</p> <p>Board Weight</p>  <p>Kg/ per sheet</p>	<p>Classic</p> <p>Classic Board is strong and versatile, it is a cost effective choice for ceiling, lining and partitions with standard performance requirement.</p> 	<p>AquaBloc</p> <p>Aqua Bloc Board is suitable for kitchens, bathrooms and other areas prone to high humidity.</p> 	<p>FireBloc</p> <p>Fire Bloc board offers improve fire resistance up to an hour's fire resistance.</p> 	<p>M-HBloc</p> <p>M-HBloc Board is a multipurpose board which is especially design where moisture and heat resistance is required.</p> 
Edge Profile				
Thickness & Weights	<p>9mm </p> <p>12.5mm </p> <p>15mm </p>	<p>12.5mm </p> <p>15mm </p>	<p>12.5mm </p> <p>15mm </p>	<p>9mm </p> <p>12.5mm </p> <p>15mm </p>
Widths available imperial & metric	1220mm	1220mm	1220mm	1220mm
Length Available imperial & metric	1830mm 2440mm 2745mm 3050mm	1830mm 2440mm 2745mm 3050mm	1830mm 2440mm 2745mm 3050mm	1830mm 2440mm 2745mm 3050mm
Thermal Conductivity	0.19 w / mk	0.19 w / mk	0.24 w / mk	0.24 w / mk

● Given weight test results are based on 1220mm x 2440mm board (actual tests may vary)

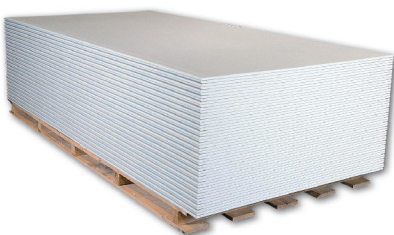
Features

-  LIGHT WEIGHT CONSTRUCTION
-  THERMAL RESISTANCE
-  SOUND RESISTANCE
-  FIRE RESISTANCE
-  EASY INSTALLATION



Comparison of drywall partition system and traditional block masonry wall system:

Parameters	Masonry wall system	Gypsum Board wall
Usage	Durable, tolerant and suitable for external wall.	Durable, tolerant and suitable for internal wall.
Weight	180 Kg/m ²	20 - 75 Kg/m ²
Fire Protection	60 minutes fire resistance.	90 - 180 minutes fire resistance.
Acoustic Performance	35 - 40 db	35 - 80 db
Speed Of Construction	14 m ² / day	40 - 50 m ² /day (3 times faster)
Flexibility of installation	Requires beam system to support the structure.	No beam system required.
Loading and storage	Difficult because heavy.	Easy because lighter.
Wall surface	It can only be smooth with skilled labor and cracks can appear.	Smooth and crack free surface.
Heat Insulation	High heat transmission (K = 0.85 Watt/m°C)	Four times lesser heat transmission (K = 0.19 Watt/m°C)
Quality of Material	Difficult to control various sources.	Standard quality control system.



Storage:

Gypsum wallboard should be kept in a cool and dry area. Put support at every 50cm to prevent the board from touching the floor directly. The storeroom should allow ventilation.

***Limitations:** Gypsum board is an interior product, it is not recommended for use in areas exposed to extreme or continues moisture such as saunas, steam rooms, and swimming pool.



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