



Fire Resistant Plasterboard



Certified MS
ENISO 9001:2015
NO Cert. 00/12/2497



Certified MS
ISO 14001:2015
NO Cert. 00/02/1574



Certified MS
ISO 45001:2018
NO Cert. 00/05/1002



Description

Fire Resistant Plasterboard is a gypsum board reinforced with fibreglass. The fibreglass acts as a retardant and protection to the board, improving the performance of the system when exposed to fire. Fire-resistant plasterboard has a pink color paper face.

Fire Resistant Plasterboard is used in indoor areas such as internal walls and ceiling applications where improved fire protection is needed.

All materials are certified based on ASTM and EN standards and tested in approved laboratories.

Applications

- Fire-rated partitions
- Suspended ceiling systems
- Wall linings
- Shaft wall encasements
- Wall dressings
- Escape areas
- Commercial and residential buildings

Features

- Fire resistance
- Low flame spread and smoke development
- Suitable sound insulation
- High surface quality
- High strength
- High resistance to cracks

Properties

Surface Finishing	Painted (water or oil base paint) Cladding (wallpaper, vinyl, wood..) Joint filling with JUMBO Jointing Plaster
Edge Types	Tapered edge
Standards	ASTM C 1396 ASTM C 473 ASTM E 84 ASTM C 518
Dimensions	Width 1200mm Length 2.7, 3.0, 3.6 Thickness 12mm, 15mm



Fire
resistance



Eco-friendly



Low smoke
development



Lightweight



CERTIFIED
CLEAN AIR GOLD

Physical Specifications based on a 12.5mm Fire Resistant Plasterboard

Specifications	Unit	Value	Standard
Thickness	mm	12.5	ASTM C 1396
Density	Kg/m ³	713.77	ASTM C 1396
Weight per unit area	Kg/m ²	8.83	ASTM C 1396
Tolerance of length	mm	2399	ASTM C 1396
Tolerance of width	mm	1200	ASTM C 1396
Tolerance of thickness	mm	12.5	ASTM C 1396
Depth of taper	mm	1.27	ASTM C 1396
Width of taper	mm	41.76	ASTM C 1396
Squareness of edges	mm	1.2	ASTM C 1396
Core hardness	N	215	ASTM C 1396
Edges hardness	N	186	ASTM C 1396
Ends hardness	N	209	ASTM C 1396
Flexural breaking load long edge	N	509	ASTM C 1396
Flexural breaking load short edge	N	219	ASTM C 1396
Nail pull strength	N	361	ASTM C 1396
Bending radius	mm	1920	ASTM C 1396
Humidified deflection	mm	1.3	ASTM C 1396
Thermal conductivity	w/m.k	0.1681	ASTM C 518
Flame spread index (FSI)		0	ASTM E 84
Smoke development index (SDI)		0	ASTM E 84

Recommendation

- Cutting and scoring are completed from the front face of the board.
- Use zinc plated Wafer Tek Screws @ 8 x 13mm with the metal galvanized steel frame assembly.
- Use black phosphate plated @ 6 x 25mm fine thread Drywall Screws for the base layer board fixing
- Use black phosphate plated @ 6 x 41mm fine thread Drywall Screws for the second layers board fixing
- It is recommended to use JUMBO All purpose Joint Compound to treat joints or for skim coating.

Storage and Handling

- Avoid contact with moisture.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground)
- Do not expose the board to extremely high temperatures (50 °C) for prolonged periods of time.
- Cover boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.

The information herein and recommendations set forth are presented in good faith and believed to be correct as of the date hereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purpose prior to use.

All specifications reflect averages derived from product sample testing and are provided as guidance only. They are subject to inherent variances and may be changed without notice to improve reliability, function, or design or otherwise.

Manufactured according to ASTM & EN standards.

Manufactured in the Kingdom of Saudia Arabia.