pelican systems

jumbo

Moisture 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

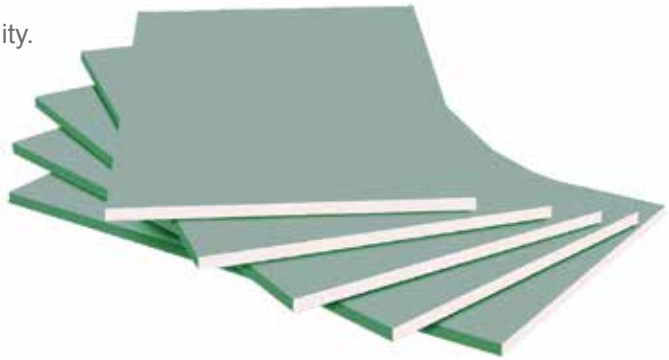
Description

Moisture Resistant Plasterboard has between 5 to 10 % water absorption. The silicon oil in its core acts as a water repellent rendering it more resistant to moisture.

Moisture Resistant Plasterboard is the ideal for areas of high humidity.

Moisture Resistant Plasterboard is composed of the best quality gypsum, non-toxic minerals, and moisture repellent additives.

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



Applications

- Reception areas
- Meeting rooms, conference rooms
- Cafeterias, restaurants
- Toilets, humid areas
- Showrooms, office buildings
- Malls, lounges, shops

Features

- Thermally balanced
- Highly resistant to cracks
- Low moisture absorption rate
- Suitable sound insulation
- Easy to handle and install
- Lightweight
- Eco-friendly and recyclable

Moisture resistant
Durable
Sound insulation
No cracking

INTERTEK SUSTAINABILITY

CERTIFIED CLEAN AIR GOLD

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 C 518 EN520
Dimensions	Width 1200mm Length 2.7, 3.0 Thickness 12mm

Physical Specifications based on a 12.5mm Moisture Resistant Plasterboard

Specifications	Unit	Value	Standard
Thickness	mm	12.5	ASTM C 1396
Density	Kg/m^3	785	ASTM C 1396
Weight per unit area	Kg/m^2	9.8	ASTM C 1396
Tolerance of length	mm	2401	ASTM C 1396
Tolerance of width	mm	1200	ASTM C 1396
Tolerance of thickness	mm	12.5	ASTM C 1396
Depth of taper	mm	1.21	ASTM C 1396
Width of taper	mm	42.23	ASTM C 1396
Squareness of edges	mm	1.7	ASTM C 1396
Core hardness	N	231	ASTM C 1396
Edges hardness	N	205	ASTM C 1396
Ends hardness	N	221	ASTM C 1396
Flexural breaking load long edge	N	700	ASTM C 1396
Flexural breaking load short edge	N	310	ASTM C 1396
Nail pull strength	N	380	ASTM C 1396
Bending radius	mm	1895	ASTM C 1396
Humidified deflection	mm	1.2	ASTM C 1396
Thermal conductivity	w/m.k	0.1701	ASTM C 518
Water absorption	%	H2<10	EN520

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

- Store in a dry/ventilated area above ground level (not in direct contact with the ground)
- 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.