

ISO 9001:2015
No.: 92200062



ISO 14001:2015
No.: 142200063



ISO 45001:2018
No.: 452200064



Intertek

DESCRIPTION

Gboard[®] Impact is an impact resistant gypsum board reinforced with fiberglass; an ideal solution for ceilings and walls in crowded areas with high strength requirements.

Gboard[®] Impact is manufactured to ensure the same surface indentation and abrasion as the rest of the gypsum plasterboards, while taking into consideration an advanced core reinforcement providing impact, fire, sound, and moisture resistance.

It is an ideal solution for walls in high traffic areas as it is resistant to repeated impacts.

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

APPLICATIONS

- Schools
- Hospital corridors
- Hotels
- Sport halls, gyms

FEATURES

- High core density
- Resistant to hard and soft body impacts
- High resistance to cracks
- Fire resistant
- Water and moisture resistant
- Sound transmission reduction



Advanced impact resistance



No cracking


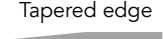



Moisture resistant



Fire resistance

PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint)	Squared edge 	ASTM C 1629	Width 1200mm, 1220mm
Cladding (wallpaper, vinyl, wood...)	Tapered edge 	ASTM C1396 ASTM C 518	Length 2000mm, 2400mm, 2440mm, 2500mm, 3000mm
Joint filling with Gcoat™ All Purpose Joint Compound	Beveled edge 	ASTM C 473 ASTM E 119	Thicknesses 8.0mm, 9.5mm 12.5mm, 15mm, 15.9mm, 18mm

*Varying dimensions available upon request

PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARD
Thickness	mm	12.5	ASTM C 1396
Density	Kg/m ³	839.94	ASTM C 1396
Weight per unit area	Kg/m ²	10.5	ASTM C 1396
Tolerance of length	mm	2400	ASTM C 1396
Tolerance of width	mm	1200	ASTM C 1396
Tolerance of thickness	mm	12.5	ASTM C 1396
Flexural breaking load long edge	N	517	ASTM C 1396
Flexural breaking load short edge	N	236	ASTM C 1396
Surface indentation	Class	1	ASTM C 1629
Hard body impact	Class	1	ASTM C 1629
Soft body impact	Class	1	ASTM C 1629
Surface abrasion	Class	2	ASTM C 1629
Thermal conductivity	W/m.K	0.1729	ASTM C 518

RECOMMENDATION

- Cutting and scoring are completed from the front face of the board.
- Use phosphate self-tapping screws with a metal frame lower than 0.7 mm for board fixing.
- Use phosphate self-drilling screws with a metal frame greater than 0.7 mm for board fixing.
- Vertical screw spacing for the first layer of gypsum is 25 cm, 50 cm for the second, and 75 cm for the third.

STORAGE AND HANDLING

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

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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 by ASK Gypsum Factory Ltd.