



DESCRIPTION

Gboard® RockShield is a noncombustible, waterproof, and mold resistant gypsum board wrapped by glass mat sheathing on the long edges, and front and back faces providing additional reinforcement and protection against weathering.

Gboard® Rockshield is used as a substrate to exterior cladding material such as marble, tiles, brick veneer, clapboard, wood shingles and more. It can withstand heavy wind, rain, and high temperatures.

FEATURES

- High performance sheathing
- High core strength
- Resistant to surface indentation
- Suitable sound insulation
- Thermally balanced
- Low water absorption
- Water resistant
- Mold resistant
- Weather resistant
- Noncombustible
- Lightweight
- Fire resistant

APPLICATIONS

- Exterior cladding
- Exterior soffits
- Interior partitions
- Interior ceilings
- Building renovations
- Hotels, hospitals
- Universities, cruise ship
- Kitchens, showers



High core
Strength



High performance
Sheathing



Low water
absorption



Thermal
insulation

PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint)	Squared edge 	ASTM C 1396	Width 1200mm, 1220mm
Cladding (wallpaper, vinyl, wood...)	Tapered edge 	ASTM C 473	Length 2000mm, 2400mm, 2440mm, 2500mm, 3000 mm
Joint filling with Gcoat™ All Purpose Joint Compound	Beveled edge 	ASTM C 518 ASTM C 1178	Thicknesses 9.5mm 12.5mm, 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	1060	ASTM C 1396
Weight per unit area	Kg/m ²	13.25	ASTM C 1396
Tolerance of length	mm	2400	ASTM C 1396
Tolerance of width	mm	1200	ASTM C 1396
Flexural breaking load long edge	N	710	ASTM C 1396
Flexural breaking load short edge	N	515	ASTM C 1396
Nail pull strength	N	510	ASTM C 1396
Core hardness	N	305	ASTM C 1396
Edge hardness	N	360	ASTM C 1396
Ends hardness	N	342	ASTM C 1396
Water absorption	%	<5	ASTM C 1396
Thermal resistance	m ² K/W	0.118	ASTM C 518



RECOMMENDATION

- Do not use as an exposed external skin.
- Cutting and scoring happens from the front face side of the board.
- Use zinc self-tapping screws with a metal frame lower than 0.7mm for board fixing.
- Use zinc self-drilling screws with a metal frame greater than 0.7mm for board fixing.
- Vertical screw spacing for the first layer of gypsum is 25cm, 50cm for the second, and 75cm for the third.



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.
- Gboard® RockShield should always be treated or covered by exterior cladding such as marble or any other weather resistant barrier. Revert to the technical team for further information.

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Manufactured according to ASTM & EN standards by ASK Gypsum Factory Ltd.