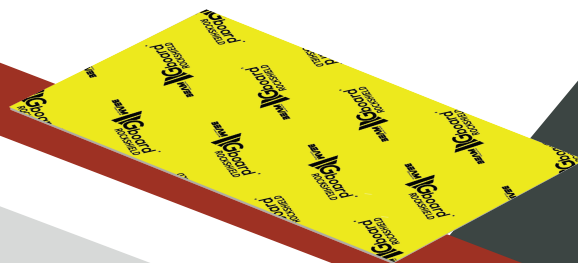




Certified MS
ISO 9001:2015
No. Cert. 1118/Δ/2019



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, 3000mm
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



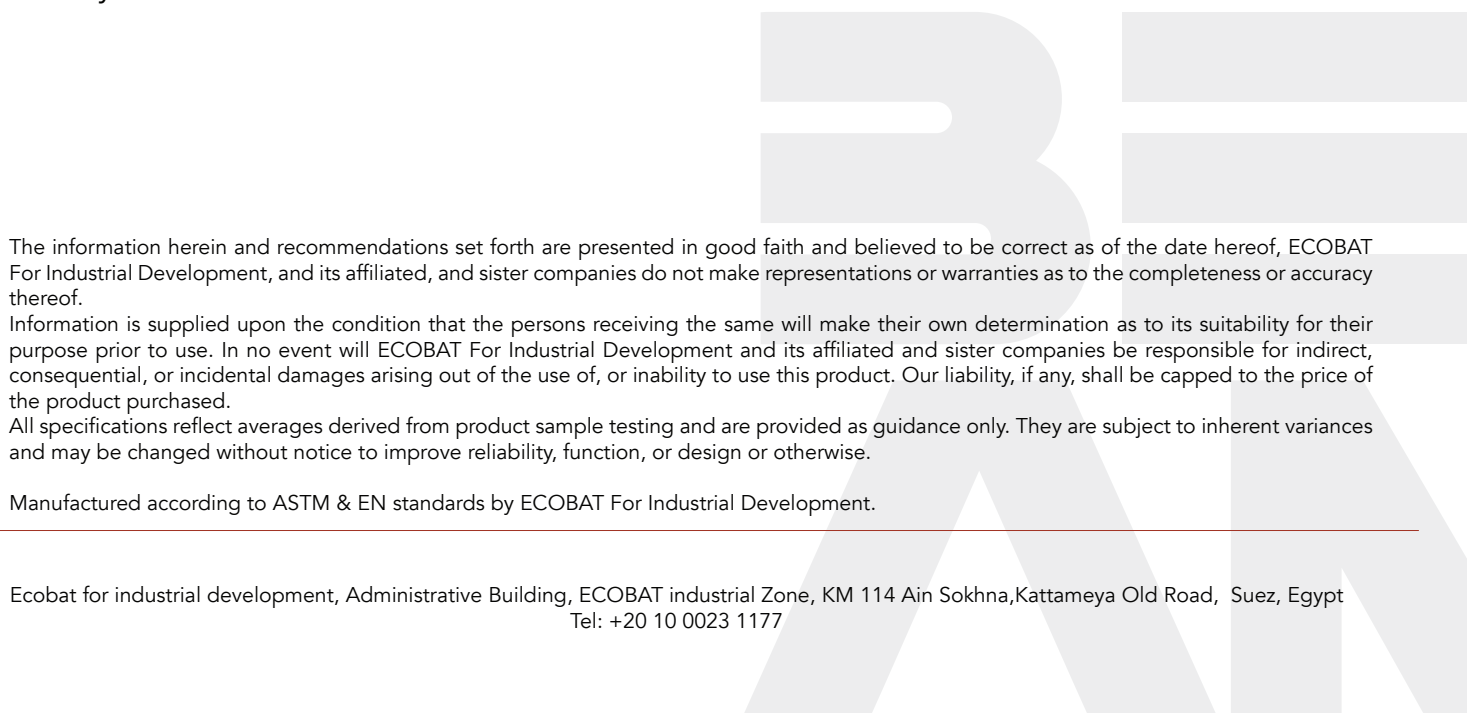
RECOMMENDATION

- 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.



The information herein and recommendations set forth are presented in good faith and believed to be correct as of the date hereof, ECOBAT For Industrial Development, and its affiliated, and sister companies do not make representations or warranties as to the completeness or accuracy thereof.

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. In no event will ECOBAT For Industrial Development and its affiliated and sister companies be responsible for indirect, consequential, or incidental damages arising out of the use of, or inability to use this product. Our liability, if any, shall be capped to the price of the product purchased.

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 ECOBAT For Industrial Development.