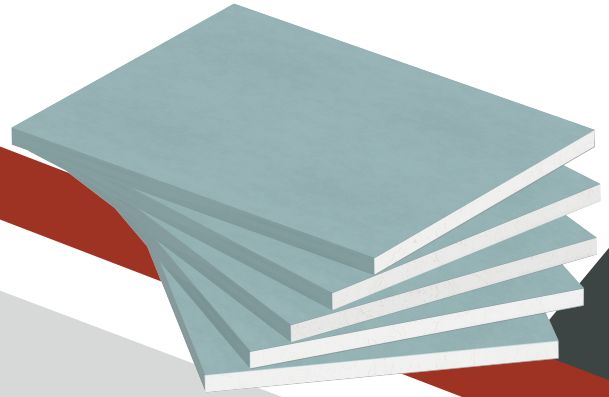




Certified MS
ISO 9001:2015
No. Cert. 1118/Δ/2019



DESCRIPTION

Gboard[®] Core is manufactured with a thick type X fire-resistant gypsum core. It has enhanced moisture, mold, sound, and impact resistance properties and is used in shaft wall systems, stairwells, and lifts wells where high performance is required to provide enhanced safety for building occupants.

Gboard[®] Core has a standard width of 600 mm, thickness of 25 mm, and a variable length of 3000 mm.

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

APPLICATIONS

- Shaft wall liners
- Elevators, stairs
- Vertical shaft studs
- Air return ducts
- Mechanical raceways and service shafts

FEATURES

- Moisture and mold resistant
- Fire resistant
- Impact resistant
- Soundproof
- Easy to install and maintain
- Eco-friendly



Fire resistance



Moisture resistant



Sound block



Advanced impact resistance

PROPERTIES

EDGE TYPES	STANDARDS	DIMENSIONS
Squared edge	ASTM C 1396	Width 600mm, 610mm
	ASTM E 84	Length 3000mm
	ASTM E119	Thickness 25.0mm
	ASTM C 473	

*Varying dimensions available upon request

PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARD
Thickness	mm	25	ASTM C 1396
Density	Kg/m ³	862	ASTM C 1396
Weight per unit area	Kg/m ²	20.45	ASTM C 1396
Tolerance of length	mm	3000	ASTM C 1396
Tolerance of width	mm	600	ASTM C 1396
Tolerance thickness	mm	25	ASTM C 1396
Core hardness	N	370	ASTM C 1396
Edges Hardness	N	383	ASTM C 1396
Ends Hardness	N	382	ASTM C 1396
Flexural breaking load long edge	N	1236	ASTM C 1396
Flexural breaking load short edge	N	925	ASTM C 1396
Water absorption	%	6.1	ASTM C 1396
Reaction to fire	Class	A	ASTM E 84

RECOMMENDATION

- Install Gboard® Core on the shaft side (cavity).
- Gboard® Core is installed by sliding it into the appropriate metal profile, the Gframe™ CH-stud.
- Screws are not needed for Gboard® Core fixing.
- Jointing is not needed.

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.

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.