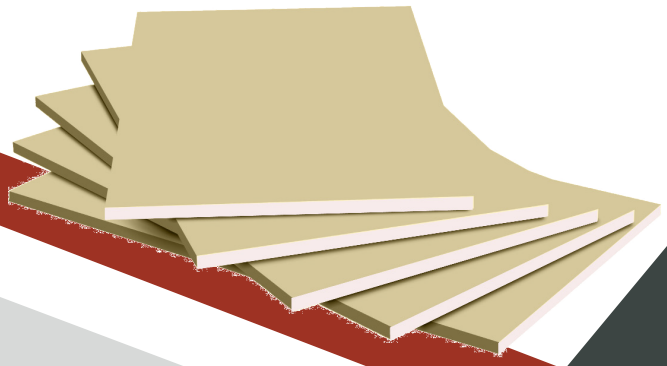
Gboard® DECILOC



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

DESCRIPTION

Gboard® Deciloc is a complete sound barrier. Due to its high density and high fiber content, when installed in a partition system, ceiling or dry lining system, sound transmission from one area to another is practically eliminated.

Gboard® Deciloc STC rating is designed to reach a sound attenuation up to 75 dB within the system.

Gboard® Deciloc is used in loud spaces to eliminate sound transmission to neighboring areas. It can be installed around generators and technical rooms, office spaces, hospitals, meeting rooms, cinemas, theaters and large commercial areas where separation is needed.

APPLICATIONS

- Around generator and technical rooms
- Office spaces
- Hospitals
- Cinemas
- Theaters

FEATURES

- Easy and dry installation
- Superior sound damping
- High rated STC wall assemblies

Sound block

Advanced impact resistance

No cracking

Eco-friendly

PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint) Cladding (wallpaper, vinyl, wood…) Joint filling with Gcoat™ All Purpose Joint Compound	Squared edge Tapered edge Beveled edge	ASTM C 1396 ASTM C 518 ASTM C 473	Width 1200mm 1220mm Length 2000mm, 2400mm, 2440mm, 2500mm, 3000mm 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	870.2	ASTM C 1396
Weight per unit area	Kg/m^2	10.71	ASTM C 1396
Tolerance of length	mm	2402	ASTM C 1396
Tolerance of width	mm	1200	ASTM C 1396
Tolerance of thickness	mm	12.5	ASTM C 1396
Depth of taper	mm	1.24	ASTM C 1396
Width of taper	mm	42.3	ASTM C 1396
Squareness of edges	mm	1.4	ASTM C 1396
Core hardness	N	321	ASTM C 1396
Edge hardness	N	298	ASTM C 1396
End hardness	N	308	ASTM C 1396
Flexural breaking load long edge	N	536	ASTM C 1396
Flexural breaking load short edge	N	249	ASTM C 1396
Nail pull strength	N	377	ASTM C 1396
Bending radius	mm	1890	ASTM C 1396
Humidified deflection	mm	1.7	ASTM C 1396
Thermal conductivity	W/m.K	0.1799	ASTM C 518

RECOMMENDATION

- Cutting and scoring happen from the front face side 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 25cm, 50cm for the second, and 75cm for the third.

STORAGE AND HANDLING

- Avoid contact with moisture 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 boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.

Manufactured according to ASTM & EN standards by ECOBAT For Industrial Development.

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