

Siam Gypsum



SCG

Cement Fiber Board
Gypsum Board
(Elephant Brand)
Made in Thailand.

Gypsum Board Product Range



Image of Quality

ELEPHANT GYPSUM BOARD

At Elephant Gypsum Board we don't just innovate in gypsum board science & technology, we're also committed to innovation in the application of our products & systems, including;

Design	Products that gives you flexibility in design; trendy and aesthetics for wall and ceilings.
Function	Products & performance that are both versatile & fit for purpose.
Simple	Simplicity of component design for efficient supply & installation.
Smart	Ease of handling & installation for lighter, smarter, faster building.
Ingenious	One product/many applications.
Versatile	Products and systems designed for quick installation in general, fire resistant, impact resistant, acoustic and other specialist applications.



Standard



Properties

- Lightweight, easier to carry and install.
- Good thermal performance.
- Non-combustible.
- Good acoustic performance e.g. sound protection STC 35 – 60 dB* when installed with insulation. (*refer to regular standard board).
- No health hazard and environmental friendly. It can be recycled.

Standards & Tests

- TIS 219–2552
- ASTM C 1396

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	9 mm		15.5	5.4
		12 mm		21.9	7.6
		15 mm		27.1	9.4
Imperial	4' x 8'	9 mm		16.1	5.4
		12 mm		22.6	7.6
		15 mm		31.0	9.4



Recommended Usage Areas

General interior wall and ceiling

MoistBloc



Properties

- High humidity resistance, less than 5% water absorption in accordance with ASTM C 1396 and EN 520.
- Lightweight, easier to carry and install.
- Good thermal performance.
- Non-combustible.
- Good acoustic performance e.g. sound protection STC 35 – 60 dB* when installed with insulation. (*refer to regular moisture resistant board).
- No health hazard and environmental friendly. It can be recycled.

Standards & Tests

- TIS 219–2552
- ASTM C 1396

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	9 mm		16.7	5.8
		12 mm		22.5	7.8
Imperial	4' x 8'	9 mm		17.3	5.8
		12 mm		23.2	7.8



Recommended Usage Areas

- Bathroom
- Kitchen
- Indoor swimming pool



HeatBloc



Properties

- ♦ Metallic foil padding on its back side provides up to 89% heat reflection.
- ♦ Lightweight, easier to carry and install.
- ♦ Good thermal performance.
- ♦ Non-combustible.
- ♦ Good acoustic performance e.g. sound protection STC 35 – 60 dB* when installed with insulation. (*refer to regular heat resistant board).
- ♦ No health hazard and environmental friendly. It can be recycled.

Standards & Tests

- ♦ TIS 219-2552
- ♦ ASTM C1396
- ♦ JIS R 3106

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	9 mm		15.5	5.4
		12 mm		21.9	7.6
Imperial	4' x 8'	9 mm		16.1	5.4
		12 mm		22.6	7.6



Recommended Usage Areas

- Attic
- Top floor ceiling
- Interior wall facing sunlight

FireBloc



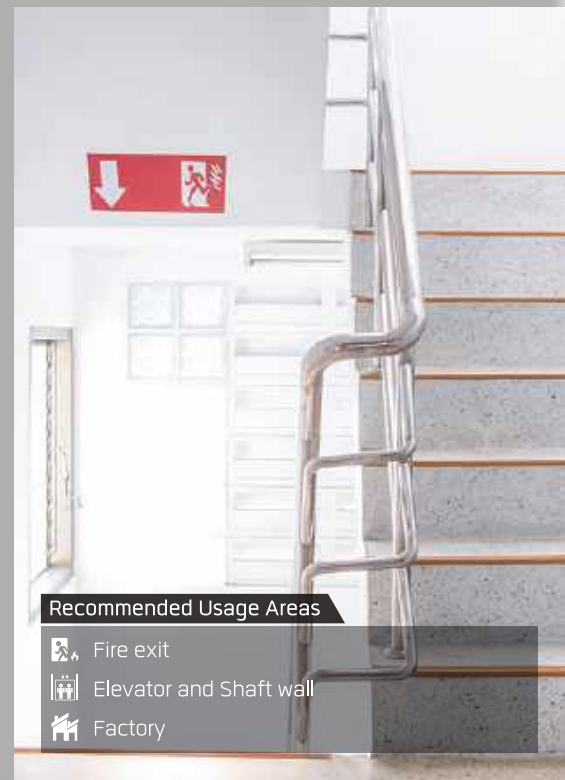
Properties

- ♦ Consisting of fiberglass and fire resistant components in its core reinforcing it with more strength and fire resistant properties.
- ♦ Designing for fire resistance system up to 3 hours.
- ♦ No health hazard and environmental friendly. It can be recycled.

Standards & Tests

- ♦ TIS 219-2552
- ♦ ASTM C1396
- ♦ BS 476

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	12 mm		33.1	11.5
		15 mm		39.2	13.6
Imperial	4' x 8'	12 mm		34.3	11.5
		15 mm		40.5	13.6



Recommended Usage Areas

- Fire exit
- Elevator and Shaft wall
- Factory





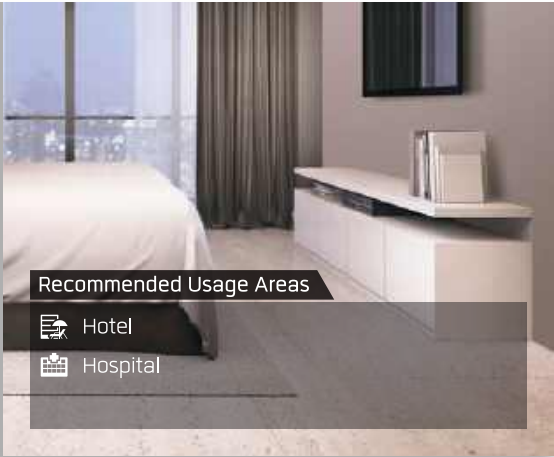
Properties

- Strong and durable, qualified for “Severe Duty” which comparable to brick-mortar.
- Excellent sound-proofing. Can be designed for protecting against any sound at 41-53 dB when installed with sound insulation.
- Fire resistance performance up to 1 hour.

Standards & Tests

- TIS 219-2552
- BS 476 Part 22
- BS 5234 (Partition’s strength test)

Type	Size & Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m²)
MultiWall	1200 x 2400 x 15 mm		39.2	13.6
	1200 x 2800 x 15 mm		45.7	15.9
	1200 x 3000 x 15 mm		15.5	16.5
MultiWall MR	1200 x 2400 x 15 mm		39.1	13.6
	1200 x 2800 x 15 mm		45.7	15.9



Recommended Usage Areas

- Hotel
- Hospital

WeatherBloc

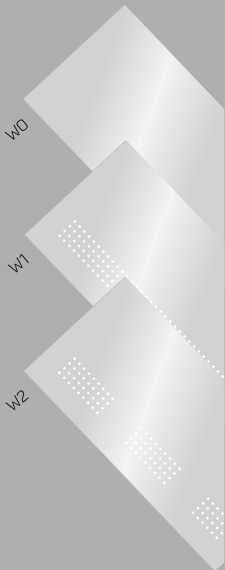


Properties

- Water resistant with material which reducing absorbing rate and special cover that prevents water absorption.
- Mold free.
- Easy and quick installation.
- Available in 2 types, plain and with ventilation holes.

Standards & Tests

- TIS 219-2552
- ASTM C1396
- ASTM D3273



Pattern	Size & Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m²)
W0	1200 x 2400 x 9 mm		21.0	7.3
W1	1200 x 2400 x 9 mm		20.8	7.2
W2	1200 x 2400 x 9 mm		20.8	7.2



Recommended Usage Areas

- Eave ceiling
- Garage



SYNIA (4-Tapered Edges)



Properties

- Special edges that sloped at its ends, providing slope edges after screwing in.
- Provides an attractive and seamless look even in critical lighting condition.
- Easy to coat the joint due to its sloped edges around the board.

Standards & Tests

- TIS 219-2552

Size	Thickness	Edge	Type	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
1200 x 2400 mm.	9 mm	4 Tapered	Standard	15.5	5.4
			MoistBloc	16.7	5.8
			HeatBloc	15.5	5.4

Recommended Usage Areas

- Interior ceiling

MoldBloc



Properties

- Provides mold protection.
- Health safety, decrease inhaling risks.
- Easy and quick installation.

Standards & Tests

- TIS 219-2552
- ASTM C1396
- ASTM D3273

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	9 mm		16.7	5.8

Recommended Usage Areas

- Damped room
- Room with fish tank

FlexBOARD



Properties

- Can be bended in most narrow curve radius.
- Fast and easy to bend without any use of water and tools.
- Enhanced with special fiber, make it stronger.

Standards & Tests

- TIS 219-2552

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m ²)
Metric	1200 x 2400 mm	6 mm		14.5	5.0

Recommended Usage Areas

- Curve designed wall & ceiling



Properties

- Provides sound absorption with NRC 0.65–0.8 when install with “Glass Wool” insulation.
- Perforated with round hole and square hole and padded with “Glass Mat”, enhancing its sound absorption capability.

Standards & Tests

- Sound absorption test following NF EN20354 and ISO/DIS 11654

Available Patterns



Pattern	Size & Thickness	Hole Shape	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m²)
R-1	1200 x 2400 x 12 mm	●		24.2	8.4
R-2	1200 x 2400 x 12 mm	●		24.8	8.6
R-8	1200 x 2400 x 12 mm	●		25.6	8.9
S-8	1200 x 2400 x 12 mm	■		24.9	8.7



Recommended Usage Areas

- Music studio
- Noisy area
- Theater

ZERVEboard



Properties

- Neat appearance service panel board without a frame that looked blend with the ceiling.
- Easy to open or close with good strength and of high quality material.
- Easy installation, saving time as the prefabricated board can be attached at the site promptly and without delay.
- Allow you to add an opening to an existing ceiling without disassemble the entire ceiling.
- Able to install at any location without causing a visual annoyance.

Type



Standard



MoistBloc

*Tailor-made options are available that can be customized to match your needs.

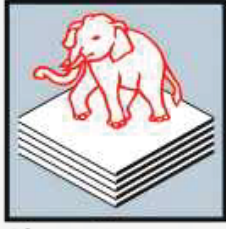
	Panel dimension	Frame dimension
Square	300x300 mm	500x500 mm
	450x450 mm	650x650 mm
	600x600 mm	800x800 mm
	600x1,200 mm	800x1,400 mm
Round	450x450 mm	650x650 mm
	600x600 mm	800x800 mm



Recommended Usage Areas

- Internal ceilings requiring pipe work and/or wiring systems such as bathroom, toilet and kitchen.





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Made in Thailand.**

TimberLine
One Roof, Countless Solutions

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