



**ELEPHANT**  
Gypsum Board

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## Gypsum Board Product Range

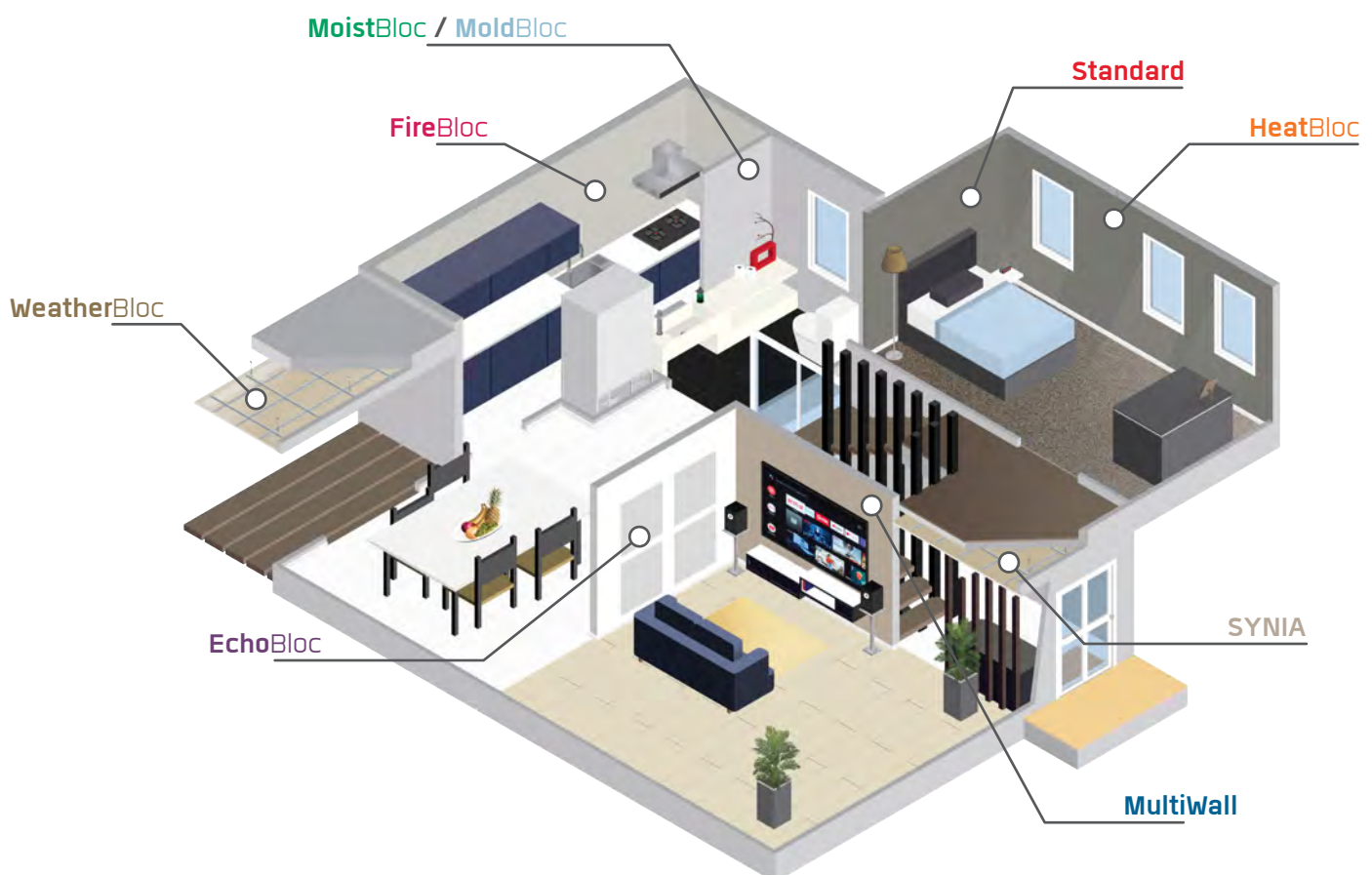


***Image of Quality***

# 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;

<b>Design</b>	Products that gives you flexibility in design; trendy and aesthetics for wall and ceilings.
<b>Function</b>	Products & performance that are both versatile & fit for purpose.
<b>Simple</b>	Simplicity of component design for efficient supply & installation.
<b>Smart</b>	Ease of handling & installation for lighter, smarter, faster building.
<b>Ingenious</b>	One product/many applications.
<b>Versatile</b>	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

- ◆ ASTM C 1396
- ◆ EN 520

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m²)
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



# 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

- ◆ ASTM C 1396
- ◆ EN 520

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m²)
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





# 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

- ◆ ASTM C 1396
- ◆ JIS R 3106
- ◆ EN 520

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m <sup>2</sup> )
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



# 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

- ✂ ASTM C 1396
- ✂ EN 520

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





# 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 4 hours.
- No health hazard and environmental friendly. It can be recycled.

## Standards & Tests

- ASTM E119
- BS 476

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m <sup>2</sup> )
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

# MultiWall



## 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

- BS 476 Part 22
- BS 5234 (Partition's strength test)

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m <sup>2</sup> )
Metric	1200 x 2400 mm	15 mm		39.2	13.6



### Recommended Usage Areas

- Hotel
- Hospital



# MoldBloc



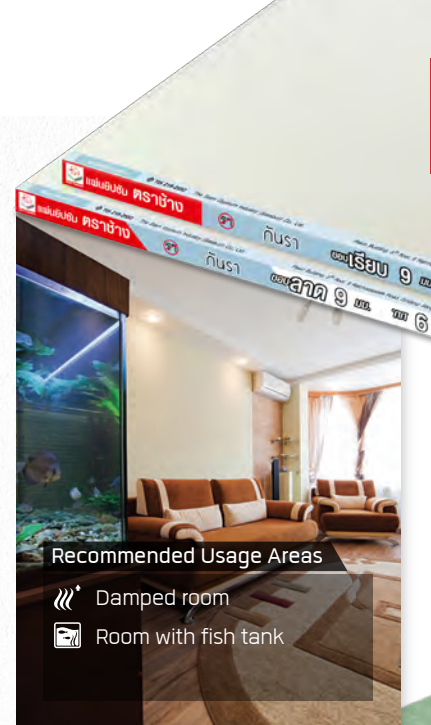
## Properties

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

## Standards & Tests

- ASTM C 1396
- ASTM D 3273
- EN 520

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



### Recommended Usage Areas

- Damped room
- Room with fish tank

# WeatherBloc



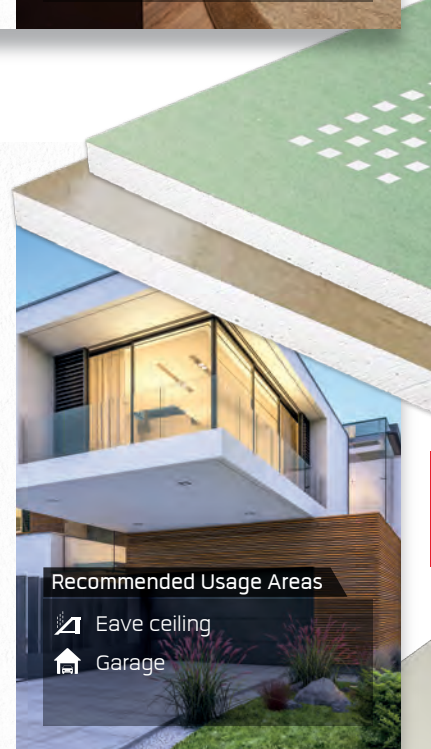
## Properties

- 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

- ASTM D 3273

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



### Recommended Usage Areas

- Eave ceiling
- Garage

# 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.

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m <sup>2</sup> )
Metric	1200 x 2400 mm	6 mm		15.8	5.5



### Recommended Usage Areas

- Curve designed wall & ceiling



# EchoBloc



## 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

- R-1 (Round hole, 1 group/sheet)
- R-2 (Round hole, 2 groups/sheet)
- R-8 (Round hole, 8 groups/sheet)
- S-8 (Square hole, 8 groups/sheet)

	Size	Thickness	Edge	Average Weight/Unit (Kg)	Average Weight (Kg/m <sup>2</sup> )
Metric	1200 x 2400 mm	12 mm		24.7	8.6



### 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.

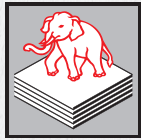
\*Tailor-made options are available that can be customized to match your needs.

	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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 [www.siamgypsum.com/en\\_ex](http://www.siamgypsum.com/en_ex)

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