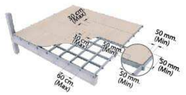
208 mm

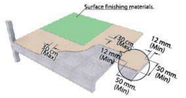
210 mm

210 mm

297 mm

Floor Installation





Elevated Floor Installation

SHERA board — **Square cut** (Recommend thickness 15-18 mm)
Frame Type — Steel frame; thickness 2.3 mm up
Timber frame size 1½ x 3 inch
Frame Spacing — 60 x 60 cm
Fastener Type — SHERA screw FIX-W45 GB for fixing to steel frame
SHERA screw FIX-T 1¼ for fixing to timber frame
Fastener Spacing — 30 cm
Finishing — Cover with carpet, ceramic tile, laminated floor or paint
Painting — **For internal floor, paint with epoxy coat**
For internal and external floor, paint with polyurethane

Underlayment Installation

SHERA board — **Square cut** (Recommend thickness 8-12 mm)
Adhesive — Fix with cement glue, latex, or urethane glue together with concrete nail size 1-1.5 inch
Fastener Spacing — 30-50 cm
Finishing — Top with carpet, ceramic tile or laminated floor

General Wall Installation

SHERA board — **Square cut** (For butt joint; recommend thickness 8-12 mm)
Recessed edge (For flush joint; recommend thickness 8 mm for interior seamless wall)
Frame Type — Galvanized steel frame U75 and C74 ;
Thickness 0.55 mm up
Frame Spacing — Vertical frame @ 60 cm
Horizontal frame @ 120 cm
Fastener Type — SHERA screw FIX-W25
Fastener Spacing — 30 cm

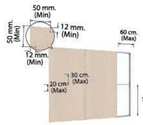
Tile Wall Installation

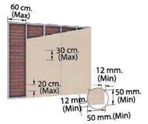
SHERA board — **Square cut** (Recommend thickness 10-12 mm)
Frame Type — Galvanized steel frame U75 and C74 ; Thickness 0.55 mm up
Frame Spacing — 60 x 60 cm
Fastener Type — SHERA screw FIX-W32 GB
Fastener Spacing — 20 cm
Tile Adhesive — Recommended Weber Tile Flex,
Weber Fix Plus or RCI Spider

Brick Wall Installation

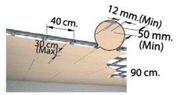
SHERA board — **Square cut** (Recommend thickness 8-12 mm)
Recessed edge (Recommend thickness 8 mm for interior seamless wall)
Frame Type — Galvanized steel frame (C-Line) no. 24 thickness 0.55 mm
Frame Spacing — 60 cm vertically fixed to metal bracket e.g. BPB ML75
Fastener Type — SHERA screw FIX-W25
Fastener Spacing — 20 cm

Wall Installation





Ceiling Installation



Steel Frame Installation

SHERA board — **Square cut** (For butt joint; recommend thickness 4-6 mm)
Recessed Edge (For flush joint; recommend thickness 6 mm for seamless ceiling)
Frame Type — Galvanized steel frame (C-Line) no. 24-26
Frame Spacing — Major Frame @ 90 cm
Minor Frame @ 40 cm
Fastener Type — SHERA screw FIX-B20
Fastener Spacing — 30 cm

Timber Frame Installation

SHERA board — **Square cut** (For butt joint; recommend thickness 4-6 mm)
Recessed Edge (For flush joint; recommend thickness 6 mm for seamless ceiling)
Frame Type — Timber frame size 1½ x 3 inch
Frame Spacing — 60 cm x 60 cm
Fastener Type — Nail size 1 – 1½ inch
Fastener Spacing — 30 cm

TECHNICAL DATA

Physical Properties	Standard*	Unit	Tested Result
Thickness Tolerance	ASTM C1185	%	±6
Density	ASTM C1185	Kg / m³	1,300±50
Modulus of Rupture (wet condition)	ASTM C1185	MPa	>7.0
Modulus of Elasticity (wet condition)	ASTM C1185	MPa	5,500±50
Water Absorption	ASTM C1185	%	<35
Moisture Content	ASTM C1185	%	<12
PH Value	-	-	7-8
Thermal Conductivity	ASTM C177	Watt/mK	0.15
Sound Protection	ASTM E90-97	dB	30-64
Length Change by Moisture Movement	ASTM C1185	%	0.04
Length Change by Water Absorption	JIS A5414	%	0.19
Water Tightness	ASTM C1185	-	Pass
Fire Properties			
Ignitability	BS476 Part 5	-	Pass
Fire Propagation Index	BS476 Part 6	-	I = 0
Surface Spresd of Flame	BS476 Part 7	-	Class 1
Fire Resistance	BS476 Part 22	mins	30-180
Smoke Developed Index	ASTM E84-00a	-	0
Single Burning Item	EN 13823 : 2002	-	Pass
Fire Classification	EN 13501-1 : 2002	-	A2s1d0
Building Combustibility	CNS 6532	-	non-combustible
Durability Properties			
Freeze/Thaw resistance	ASTM C1185 และ BS EN 12467:2000	-	Pass
Warm water resistance		-	Pass
Heat/Rain resistance		-	Pass
Soak/Dry resistance		-	Pass

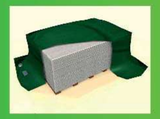
* Remark SHERA board also conforms to Australia / New Zealand Standard (AS / NZ 2908.2:2000), European Standard (BS EN 12467:2000) tested by PSB Corporation, Singapore and Thai Industrial Standard : Fiber-Cement Flat Sheet (TIS 1427-2540)

PRODUCT APPLICATION

Application	Thickness (mm.)								
	3.2	4	6	8	10	12	15	18	20
Internal Ceiling	●								
External Ceiling/Internal Ceiling/Arch Ceiling		●	●						
Bended Wall/Internal Partition			●	●					
Subroof/Sunshade				●	●				
General External Wall/in Wet Area				●	●				
High Rise Building Wall/External Cladding					●	●			
Underlayment				●	●				
Raised Floor/Elevated Floor							●	●	●
Weight (kg per 1200x2400 mm)	14.4	18	27	36	45	54	64	77	86
Weight (kg per m²)	5	6.25	9.37	12.50	15.62	18.75	22.22	26.74	29.71

HANDLING & STORAGE

Handle vertically from both edges



Store under shade, dry and leveling area on 5 timber bases with minimum width 1.5" x 3"
For 4 mm thickness, the height of stack should not exceed 200 pieces.
For 6 mm thickness, the height of stack should not exceed 130 pieces.
Do not install and paint the sheets when they are damp or wet.

SHERA ACCESSORIES

SHERA screw fix - b

For galvanized steel frame:
0.55-1.2 mm thickness

SHERA screw fix - w

For steel frame:
1.0-3.2mm thickness

SHERA screw fix - t

For timber frame

Frame Type	*SHERA* screw recomemded for *SHERA* board		
	4-6 mm.	8-12 mm.	15-18 mm.
Galvanized steel frame 0.55-1.2 mm. thickness	FIX-B20	FIX-W32 GB	
Steel Frame: 1.0-3.2 mm. thickness	-	FIX-W32 GB	FIX-W45 GB
Timber frame	FIX-T 1¼"	FIX-T 1¼"	FIX-T 1¼"

SHERA sealant PU25

Polyurethane joint sealant, internal and external use

SHERA barrel gun

15" aluminum barrel gun for both 310 and 600 ml SHERA polyurethane sealant

SHERA jointing compound

For internal smooth seamless jointing, applied together with SHERA fiberglass mesh tape

SHERA cement jointing compound

For external smooth seamless jointing, applied together with SHERA fiberglass mesh tape

SHERA fiberglass mesh tape

Place SHERA fiberglass mesh tape over the recessed areas of SHERA board while doing flush joint

The Thai Olympic Fibre-Cement Co., LTD 2426/3 Mahaphant Building, Chareonkrung Road, Bangkorlheam, Bangkok 10120
บริษัท โอลิมปิคกระเบื้องไทย จำกัด 2426/3 อาคารมหาพันธ์ ถนนเจริญกรุง แขวงบางคอแหลม เขตบางคอแหลม กรุงเทพฯ 10120

Living Clinic : +66 2 289 9888 F : +66 2 289 9800 E-mail : living_clinic@SHERAsolution.com

DISTRIBUTOR

Actual colors may vary due to printing limitations.
The company reserves the right to make changes to the information described herein without prior notice.

Version June 2012

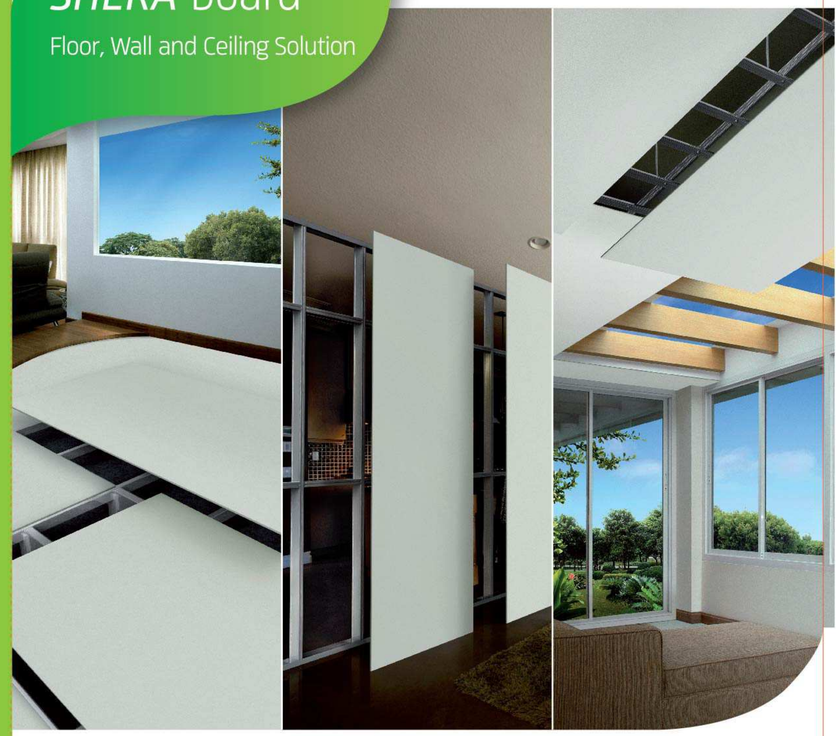
www.*SHERA*solution.com

build better, live better

SHERA™ APPLICATION SOLUTIONS

SHERA board

Floor, Wall and Ceiling Solution



www.*SHERA*solution.com

residential commercial industrial

210 mm

210 mm

297 mm

SHERA **board**
guarantees quality of product up to 50 years worldwide

Offers life-time durability, leading to reduction in replacement and maintenance cost

SHERA **board**
is certified by Green Label of Singapore

License No.041-005
Made from 30% Recycled Materials

Made from recycled materials, *SHERA* board reduces environmental impact

SHERA **board**
is green material for green buildings

Adds credits to buildings which contributes to LEED certification by U.S. Green Building Council

SHERA **board**
is the ONLY fiber-cement player that has been awarded with Green Choice Philippines Seal of Approval under license number 000026

Lower impact to environment and consumer's health; recommended as safe product to home owners

SHERA **board**
is the first and only manufacturer in the industry to achieve Carbon Label accreditation

Meets qualifications of Thailand Green House Gas Management Organization and Thailand Environment Institute

SHERA **board**
provides fast-built, dry construction system

Lighter-weight and dry system better conserves energy consumption and transportation cost than that of traditional brick work

GREEN INNOVATION

Key Features	*SHERA* board	Plaster board	Ply wood
Weather Resistance	★★★	★★	★
Water/Moisture Resistance	★★★	★★	★
Fire Resistance	★★★	★	★
Flexible	★★★	★★	★★
Sound Insulation	★★★	★★★	★★★
Workability	★★	★★	★★
Low Shrinkage	★★★	★★★	★★
Termite and Insect Proof	★★★	★	★★

SHERA board
Ceiling, Wall & Floor Expert

BETTER WORKABILITY

Better Workability
New *SHERA* board is better workability, faster work and more user-friendly.

NEAT FINISH

Neat Finish
New *SHERA* board installs neatly and stable. No warping when get wet or moist.

PAINT SAVING

Smooth Painting
New *SHERA* board helps save painting cost due to its uniformity.

VARIETY

Variety
SHERA board, the first brand to answer all lifestyle ranging from T-bar ceiling, smooth ceiling, and decorative ceiling.

SHERA floor board

1

The thick and strong fiber-cement board for floor leveling, high load bearing and elevated floor was introduced as an ideal alternative to plywood in various floor areas of commercial buildings, shopping centers and retail outlets, industrial buildings, farms and factories etc.

SHERA floor board - Square Cut	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Underlayment Application	8	122	244	37.21	Internal and External Floor
	10	122	244	46.51	
	12	122	244	55.82	
Elevated Floor Application	15	122	244	68.75	
	18	122	244	79.15	
	20	122	244	88.50	

SHERA wall board

2

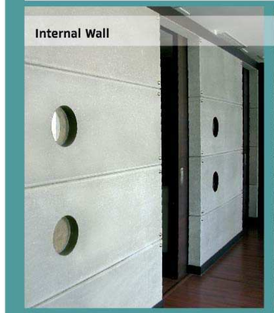
The excellent properties of impact strength and water / moisture resistance compared with other flat sheets make *SHERA* wall board the perfect choice for applications such as wall cladding, wall partitioning and decorative walling in residential, commercial and industrial buildings, especially where speedy construction is required and where cleanliness and hygiene is of high importance, such as schools and hospitals.

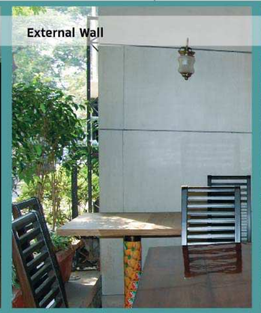
SHERA wall board	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Square Cut	6	122	244	27.91	Internal Wall and External Wall
	8	122	244	37.21	
	10	122	244	46.51	
	12	122	244	55.82	
Recessed Edge	6	122	244	27.15	Internal Seamless Wall
	8	122	244	36.28	

SHERA deco' board

SHERA deco' board conveys the natural aesthitics through distinctive looks of embossed pattern. The textures create a unique dimension and sense of touch to boundless creativity. *SHERA* deco' board possesses outstanding properties of durability, high impact strength and water resistance, making it ideal for both internal and external decorative applications.

SHERA deco' board	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Profile: Blossom / Rocco / Stucco / Cassiano / Cassia / Wave / Rain / Drop	6	122	244	27.91	Internal Decorative Wall
	8	122	244	37.21	External Decorative Wall





SHERA ceiling board

3

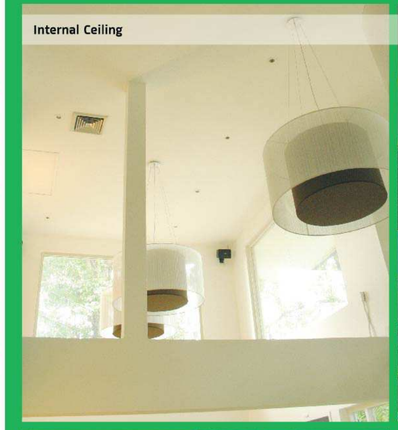
The new formula strengthens the board and increases toughness so the board will not shatter easily. Suitable for external ceilings / soffits and internal wet areas such as shower rooms and restrooms. Also flexible with a minimum radius of 1-2 metres.

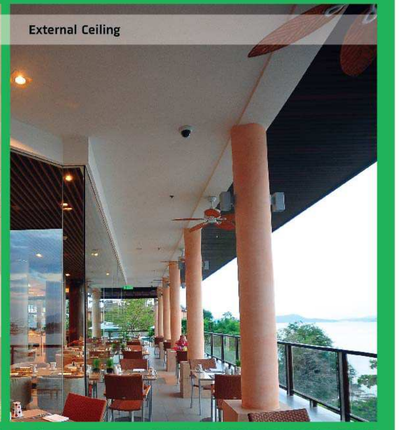
NEW PRODUCT

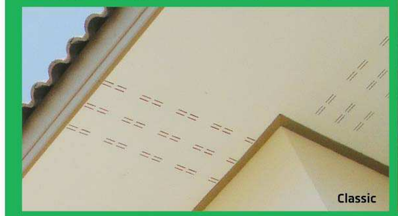
SHERA deco' ceiling

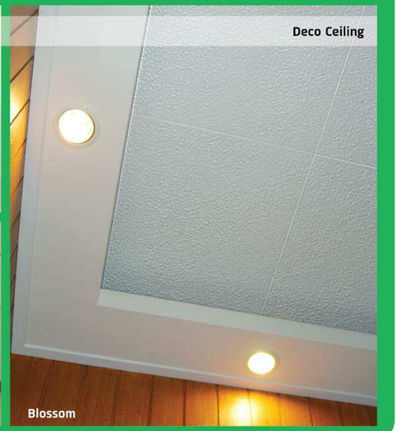
possesses outstanding properties of durability and water resistance which is applicable for internal and external decorative purposes.

SHERA ceiling board	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Square Cut	3.2	61	122	3.72	Exposed Ceiling
	3.2	122	122	7.44	
	4	122	244	18.51	
	4.5	122	244	20.90	
	6	122	244	27.91	
	3.2	60.3	121.3	3.66	Suspended Ceiling
SHERA vent ceiling	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Profile: Modern / Classic	3.2	61	122	3.72	External Ceiling / Soffit
SHERA deco' ceiling	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Profile: Blossom / Drop / Rocco	3.5	61	122	4.07	Exposed Ceiling
	3.5	122	122	8.14	
	3.5	122	244	16.28	
	3.5	59.5	59.5	1.94	Suspended Ceiling
	3.5	60.3	60.3	2.00	
	3.5	59.5	119.5	3.88	
	3.5	60.3	121.3	4.00	









Leaflet Eng Modern trade.ai • Size 210 x 297 mm.