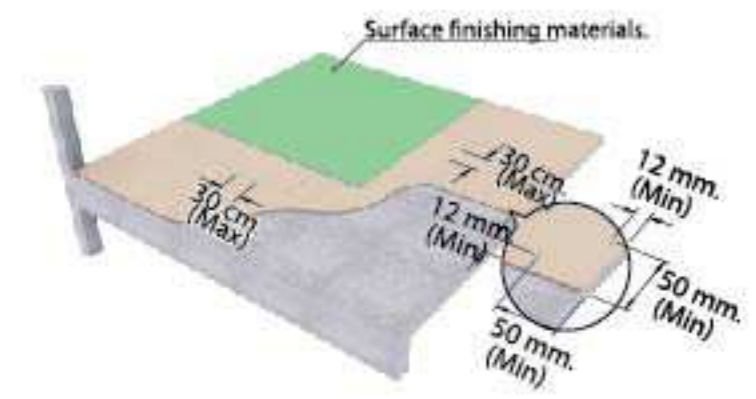
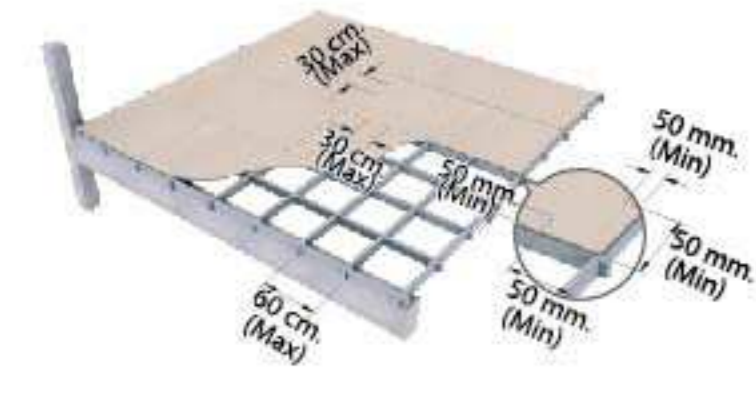


Floor Installation



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 1½ 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

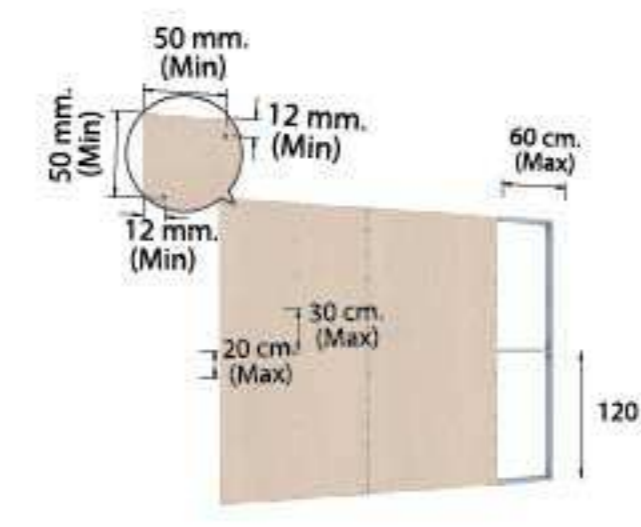
Underlayment Installation

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

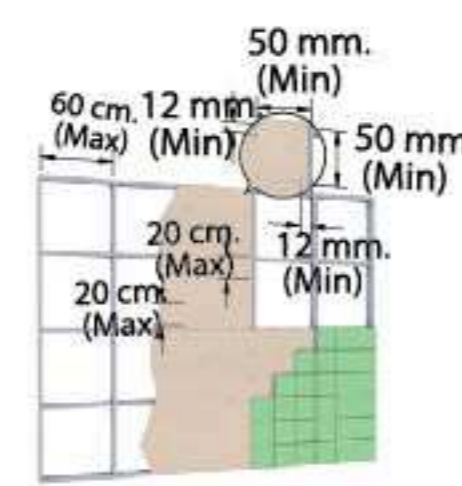
SHERA board Square cut (For butt joint; recommend thickness 8-12 mm)
 Recessed edge (For flush joint; recommend thickness 8 mm for interior seamless wall)
Frame Type Galvanized steel frame U75 and C74 ;
 Thickness 0.55 mm up
Frame Spacing Vertical frame @ 60 cm
 Horizontal frame @ 120 cm
Fastener Type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

Wall Installation



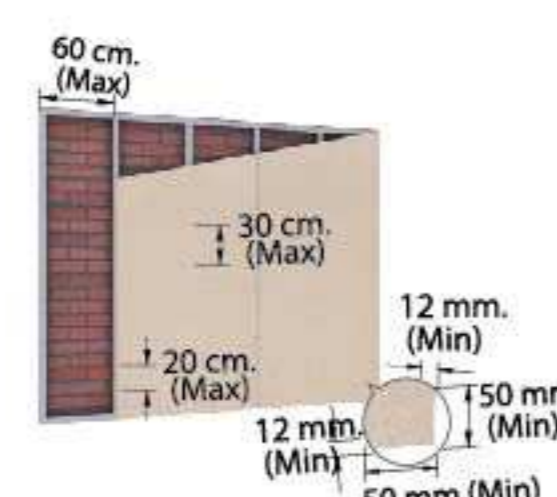
Tile Wall Installation

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

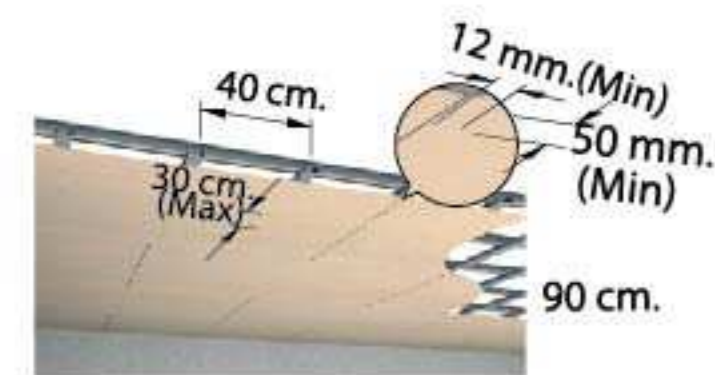


Brick Wall Installation

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



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	Standard	Unit	Tested Result
Ignitability	BS476 Part 5	-	Pass
Fire Propagation Index	BS476 Part 6	-	I = 0
Surface Spread 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

* 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)

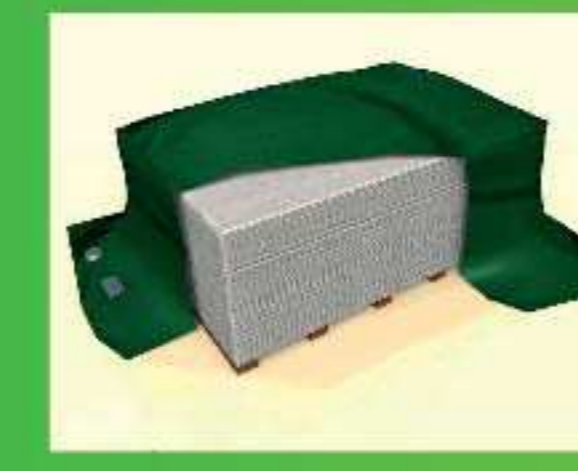
PRODUCT APPLICATION

Application	Thickness (mm.)									
	3.2	4	6	8	10	12	15	18	20	
Internal Ceiling	●									
External Ceiling/Internal Ceiling/Arch Ceiling		●	●	●						
Banded 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.

DISTRIBUTOR

The Thai Olympic Fibre-Cement Co., LTD 2426/3 Mahaphant Building, Charoenkrung Road, Bangkok/haam, Bangkok 10120
 บริษัท โอลิมปิกไฟเบอร์ซีเมนต์ จำกัด 2426/3 อาคารมหาพانت ถนนเจริญกรุง แขวงบางมด เขตสาทร กรุงเทพมหานคร 10120

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

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.SHERAsolution.com

build better, live better

SHERA™ APPLICATION SOLUTIONS

SHERA board

Floor, Wall and Ceiling Solution



www.SHERAsolution.com

residential commercial industrial



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



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



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



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	6	122	244	37.21	Internal and External Floor
	10	122	244	46.51	
	12	122	244	55.82	
Elevated Floor Application	15	122	244	66.76	Internal and External Floor
	18	122	244	79.15	
	20	122	244	88.50	



SHERA wall board

2

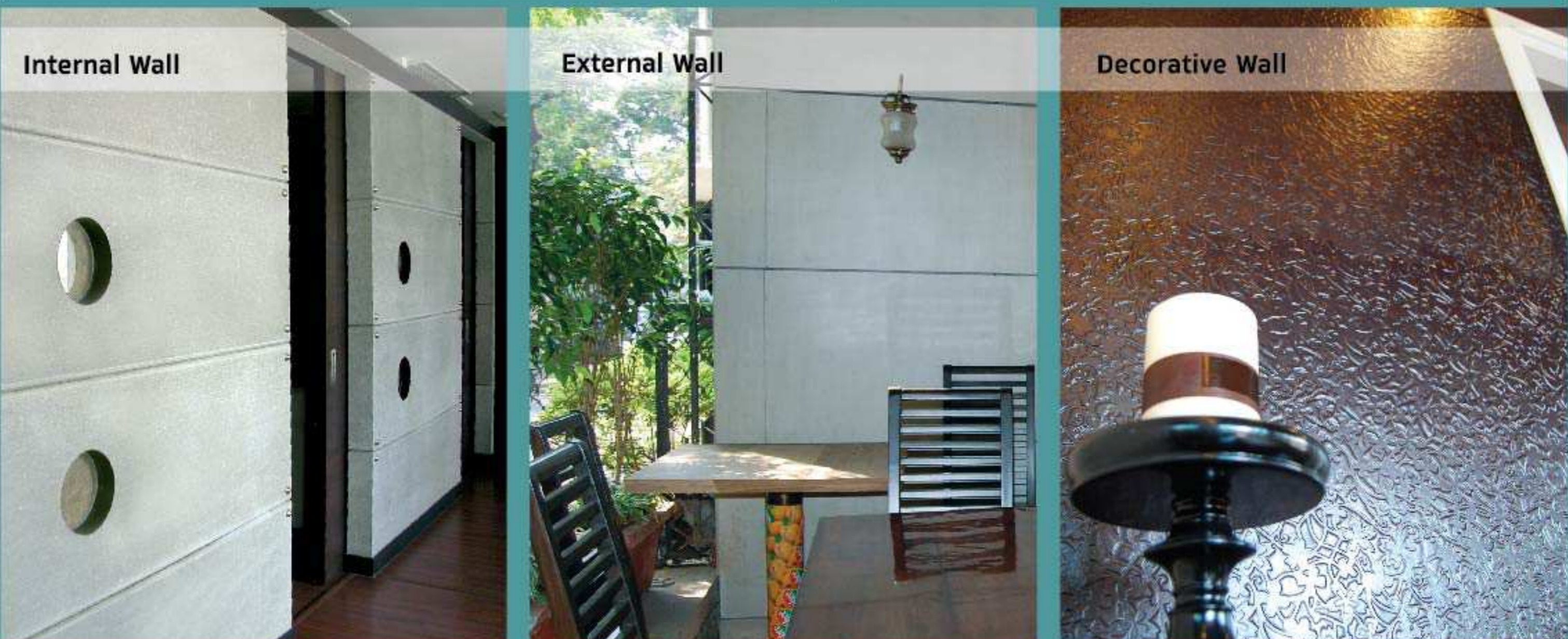
The excellent properties of impact strength and water / moisture resistance compared with other flat sheets make **SHERA wall board** the perfect choice for applications such as wall cladding, wall partitioning and decorative walling in residential, commercial and industrial buildings, especially where 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	27.91	Internal Seamless Wall
	8	122	244	36.28	

SHERA deco' board

SHERA deco' board conveys the natural aesthetics 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.

SHERA ceiling board	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Square Cut	3.2	61	122	3.72	Exposed Ceiling
	4	122	244	11.64	
	4.5	122	244	20.90	
	6	122	244	27.91	
Suspended Ceiling	3.2	60.3	121.3	3.66	Suspended Ceiling
	4	122	244	11.64	

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	244	16.28	
	3.5	59.5	59.5	1.94	
	3.5	60.3	119.5	3.68	
Suspended Ceiling	3.5	60.3	121.3	4.00	Suspended Ceiling
	4	122	244	16.28	



SHERA deco' ceiling

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

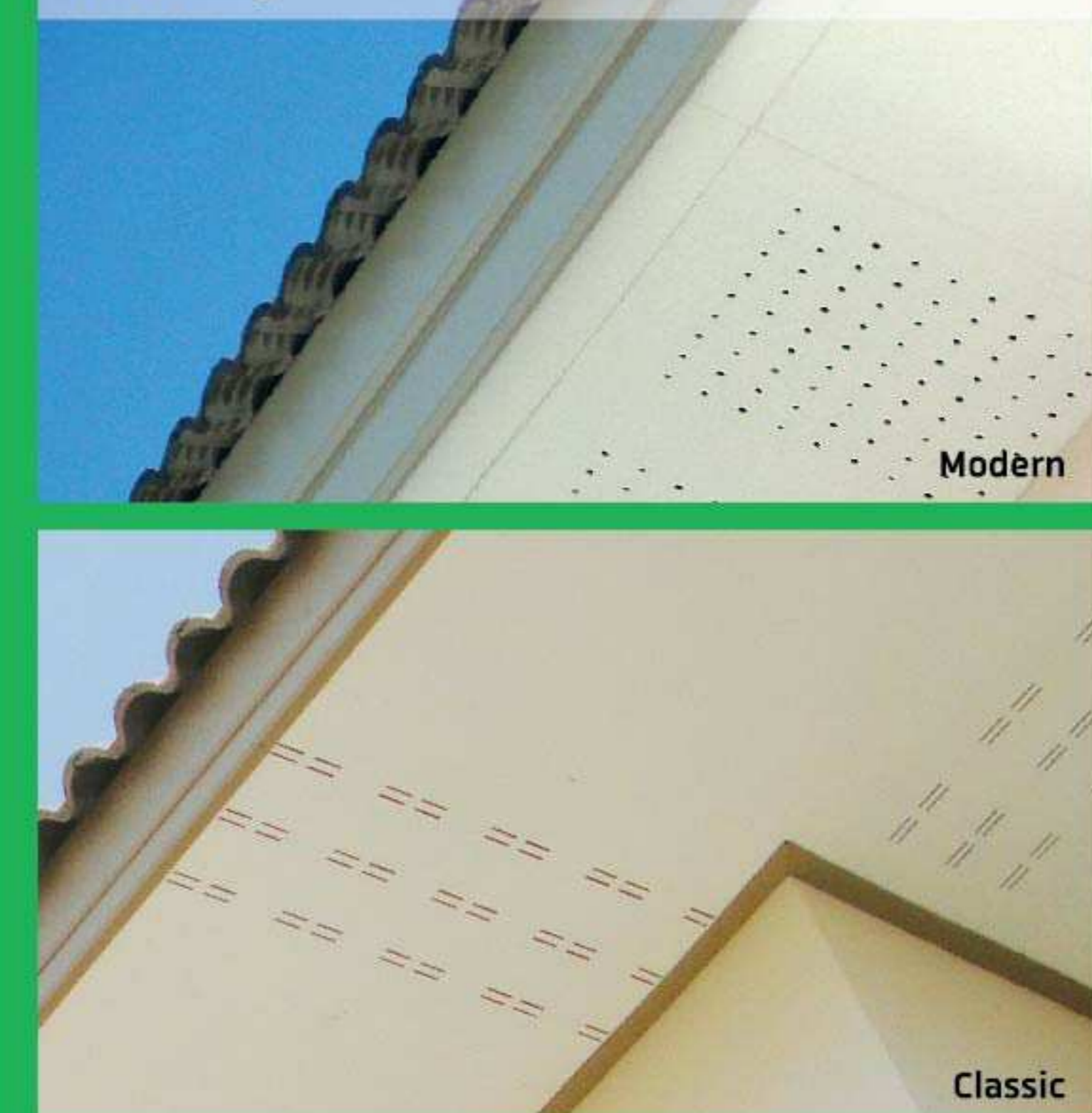
Internal Ceiling



External Ceiling



Vent Ceiling



Deco Ceiling

