

build better, live better

**SHERA**<sup>TM</sup> APPLICATION SOLUTIONS

# SHERA wood



## Company Profile



Mahaphant group, established in 1974 in Bangkok Thailand, is emerging as a leading manufacturer of unique and environment-friendly fibre cement products with an experience of more than 35 years creating innovation in building material industry. Mahaphant has a vast distribution network, with over 3,500 distributors worldwide. Mahaphant employs a total of over 2,500 employees from a variety of different countries, from business development professionals to lab technicians to IT specialists and distribution personnel.

Mahaphant is proud to develop a unique range of products under a prestigious *SHERA* brand. *SHERA* has started a successful story since 1996 with the first production of complete range of wood substitution in this region. Currently, *SHERA* is widely known worldwide for GREEN INNOVATIVE fibre cement board, panel, siding and various wood substitution products.

*SHERA*'s embedded beauty with added resistance against fire, termite and moisture makes it an apt material for varying applications in flooring, siding, partitioning, ceiling, roofing and cladding. These fibre cement products offer necessary strength, stability and versatility in applications.

Mahaphant is equipped with an independent R&D Department focusing on development of products and processes. Through an experience of more than three decades and an expertise in AUTOCLAVE TECHNOLOGY, we are catering to the changing needs of construction and decoration industry offering our products with unmatched stability, strength and resilience to weather.

Mahaphant Group currently operates five manufacturing plants in Thailand and poised for regional expansion with multiple manufacturing facilities in other parts of the world.

We are active in Asia and are also proliferating in prestigious overseas market through a network of business partners in more than 30 countries, covering 7 regions.

The ongoing expansion with stronghold on technical expertise and growing global partnership is a sure sign of Mahaphant's commitment to be the world's leading innovator of fibre-cementitious composites for building solutions.

## Green Concept

### GREEN PRODUCT Eco-loving Products

- SHERA products are eco-friendly and internationally-certified by the Singapore Green Labelling Scheme (SGLS).
- SHERA products are 30% made from recyclable materials including fibres obtained from fast-growing trees specially planted for industrial use.
- Environmentally-conscious and pollution-free

### GREEN TECHNOLOGY Environmentally-friendly manufacturing

- SHERA manufacturing process considers environmental issues with the carbon footprint label standard certified by the Thailand Greenhouse Gas Management Organization and The Thailand Environment Institution.
- Saves energy in production
- Reduces waste emission
- Focuses on renewable energy

### GREEN LIVING Towards a balanced life in perfect harmony

- Ensures faster and cleaner construction procedures.
- Reduces construction waste.
- Saves energy in households.
- Contributes to living in harmony with nature.



No. 041-005  
Made from 30 % Recycled Materials



LEED Guidelines	SHERA Benefits
Indoor Environmental Quality	EQ4.3 : Low / No Emitting Material (from Singapore) EQ4.1 : Low Emitting Material - Adhesive & Sealants
Material & Resources	MR2.1 : Construction Waste Management. MR4.1 : Recycled Content. (Fibre / Fly Ash) MR6 : Rapidly Renewable Materials MR5.1 : Regional Availability MR3.1 : Resource Reuse
Innovation in Design	1) SHERA board substitutes plywood, chip wood, MDF etc. in paneling segment of applications 2) SHERA wood range offers substitution to natural wood in decoration segment
Pest Control	No pest control is desired.



Termite & Insect Resistant



Weather Resistant



Immune to Water Damage



Low Shrinkage & No Warping



No Rotting



Corrosion Resistant



Easy Installation



Sustainable

build better, live better

**SHERA™**

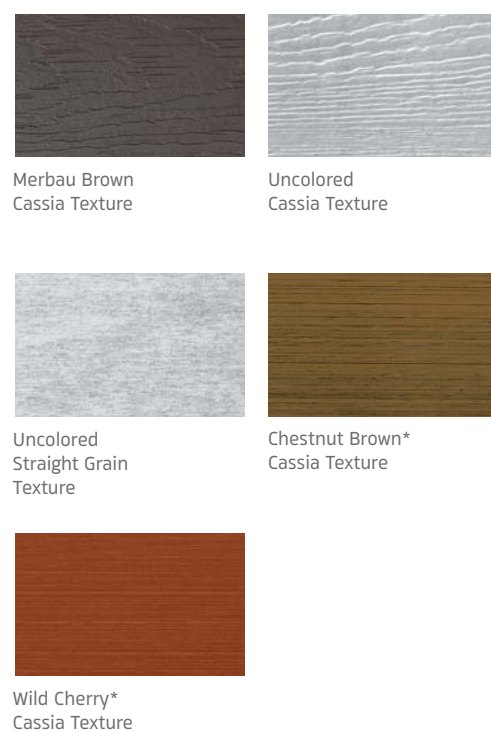
# SHERA wood



	SHERA wood	Wood Based Siding	Vinyl Siding
Fire Resistance	●●●	●	●
Rot Resistance	●●●	●	●
Termite and Insect Proof	●●●	●	●●●
Non-Toxic	●●●	●●	●
Low Shrinkage and Non-Warping	●●●	●	●
More Durable	●●●	●●	●
Weather Resistance	●●●	●●	●
Easy to Paint	●●	●●	●●●
Dimension Stability	●●●	●	●
Maintenance Free	●●●	●	●
Environmental Friendly	●●●	●	●●

# SHERA floor plank

SHERA floor plank, originated from the concept of manufacturing environmentally friendly product, is offered through an insightful understanding of our consumer requirements. SHERA floor plank provides the best substitution to natural wood deck suitable for a wide range of looks, whether traditional, heritage or contemporary, making it a perfect alternative for residential or commercial buildings, offering choices of profiles and textures cassia and straight grain with top routing line (s). SHERA floor plank innate beauty, with added resistance to fire, termites and moisture makes it a highly suitable material for not only interior but also exterior flooring applications. It can be fixed directly on either timber or steel frame.



Remark : \*Only Cassia texture 25 x 150 x 3000 mm

## Dimensions

16 x 150 x 3000 mm**	11.18 kg	2.22 Pcs./Sq.m
16 x 200 x 3000 mm**	14.90 kg	1.67 Pcs./Sq.m
30 x 100 x 3000 mm	13.87 kg	3.33 Pcs./Sq.m
25 x 150 x 3000 mm	17.34 kg	2.22 Pcs./Sq.m
25 x 150 x 4000 mm	23.12 kg	1.67 Pcs./Sq.m
25 x 200 x 3000 mm	23.12 kg	1.67 Pcs./Sq.m
25 x 200 x 4000 mm	30.82 kg	1.25 Pcs./Sq.m
25 x 250 x 3000 mm	28.89 kg	1.33 Pcs./Sq.m
25 x 250 x 4000 mm	38.53 kg	1.00 Pcs./Sq.m
25 x 300 x 3000 mm	34.67 kg	1.11 Pcs./Sq.m
25 x 300 x 4000 mm	46.23 kg	0.83 Pcs./Sq.m
25 x 300 x 3000 mm	34.67 kg	1.11 Pcs./Sq.m (1 Top Routing Line)
25 x 300 x 4000 mm	46.23 kg	0.83 Pcs./Sq.m (1 Top Routing Line)
25 x 300 x 3000 mm	34.67 kg	1.11 Pcs./Sq.m (2 Top Routing Lines)
25 x 300 x 4000 mm	46.23 kg	0.83 Pcs./Sq.m (2 Top Routing Lines)
25 x 300 x 3000 mm	34.67 kg	1.11 Pcs./Sq.m (3 Top Routing Lines)
25 x 300 x 4000 mm	46.23 kg	0.83 Pcs./Sq.m (3 Top Routing Lines)

Remark : \*\*Only 16 x 150 x 3000 mm and 16 x 200 x 3000 mm are available on Cassia texture

# SHERA stair

As a leader in wood substitution material manufacturer, *SHERA* wood has been continuously developing fibre cement composite products by leveraging its expertise together with unlimited advanced technology to introduce innovative products to the market for a decade. *SHERA* wood is now taking another step to challenge the production capability, rolling out the thickest fibre cement composite material at 35 mm. thickness "*SHERA* stair". *SHERA* stair is a perfect combination of strength derived from non-asbestos fibre cement composite, beautiful wood-like aesthetic features which can be perfectly applied in both interior and exterior areas. In addition, *SHERA* stair is superior to authentic wood in terms of durability, weather resistance, water proof, low shrinkage, long-lasting life with less maintenance and termite free. All these properties have made *SHERA* stair the most outstanding wooden stair replacement product.



## Dimensions

Stair Tread	: 35 x 300 x 1200 mm	19.41 kg
Stair Riser	: 16 x 150 x 1200 mm	3.86 kg
Stair Riser	: 16 x 200 x 1200 mm	5.29 kg



Stair Tread  
Uncolored  
Cassia Texture\*



Stair Tread  
Uncolored  
Straight Grain Texture



Stair Riser  
Uncolored  
Smooth Texture

Remark : \*Made to order item



# SHERA plank

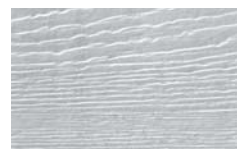
SHERA plank is a unique composite of natural fibres bonded tightly in a high-grade silicate structure. This autoclaved wood grain siding acquires impressive toughness, yet remains flexible and dimensionally stable. It is a cellulose-cement plank that contains absolutely NON asbestos fibre. SHERA plank can withstand simple handling and installation and is therefore suitable for even Do-It-Yourself (DIY) segment. It comes in several sizes and textures with a real remedy to wood-cladding houses which are severely affected by termites and humidity.

## Dimensions

8 x 150 x 3000 mm	5.40 kg	2.67 Pcs./Sq.m
8 x 200 x 3000 mm	7.20 kg	2.00 Pcs./Sq.m
8 x 150 x 4000 mm	7.20 kg	2.00 Pcs./Sq.m
8 x 200 x 4000 mm	9.60 kg	1.50 Pcs./Sq.m

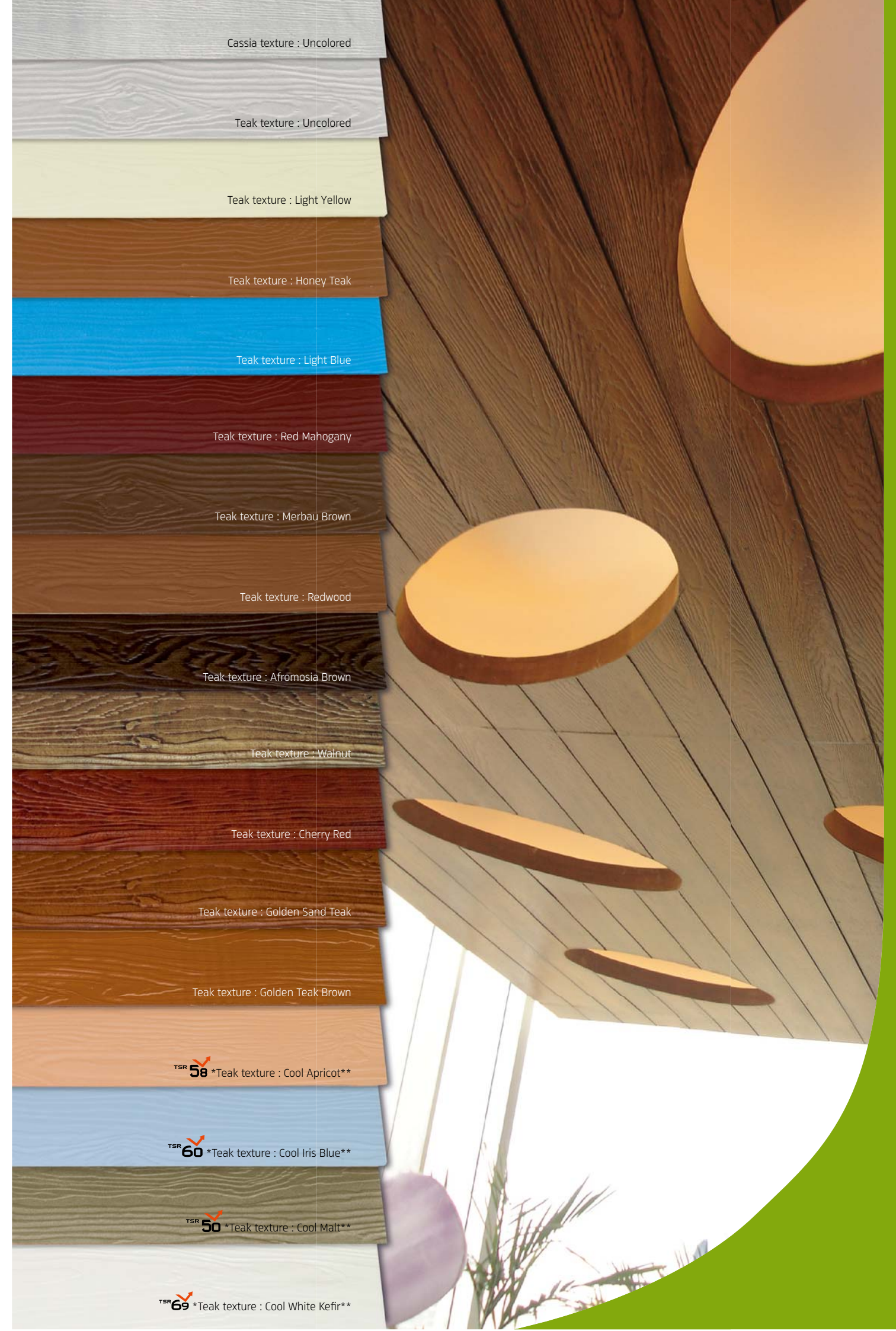


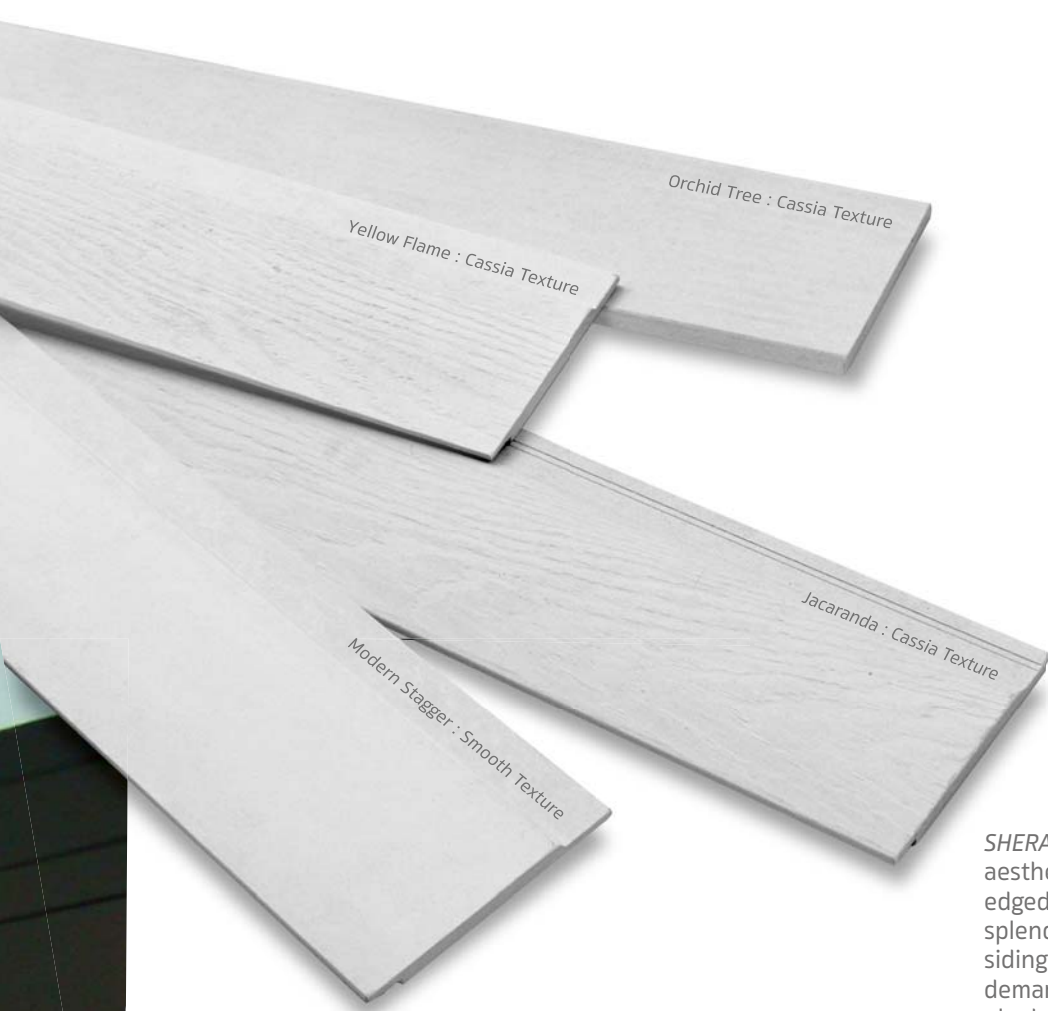
Uncolored  
Teak Texture



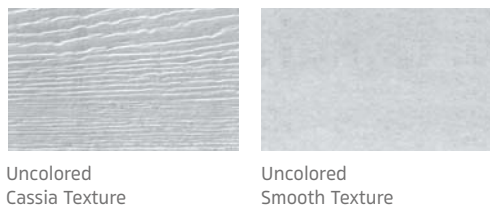
Uncolored  
Cassia Texture

Remark: \*Only size 8 X 150 X 3000 mm  
\*\* Total Solar Reflection 50%, 58%, 60% and 69%





SHERA splendid plank achieves beautiful aesthetic grooves on building walls with the edged profile of splendid siding. SHERA splendid plank is another version of lap siding which stands up to the most demanding design. With SHERA splendid plank, overlapping installation will be very simple and efficient. SHERA splendid plank comes with several options in edge profiling designs that not only provides innovative style into home designs but also long lasting and less worry from humidity, heat, salt spray and flying debris.

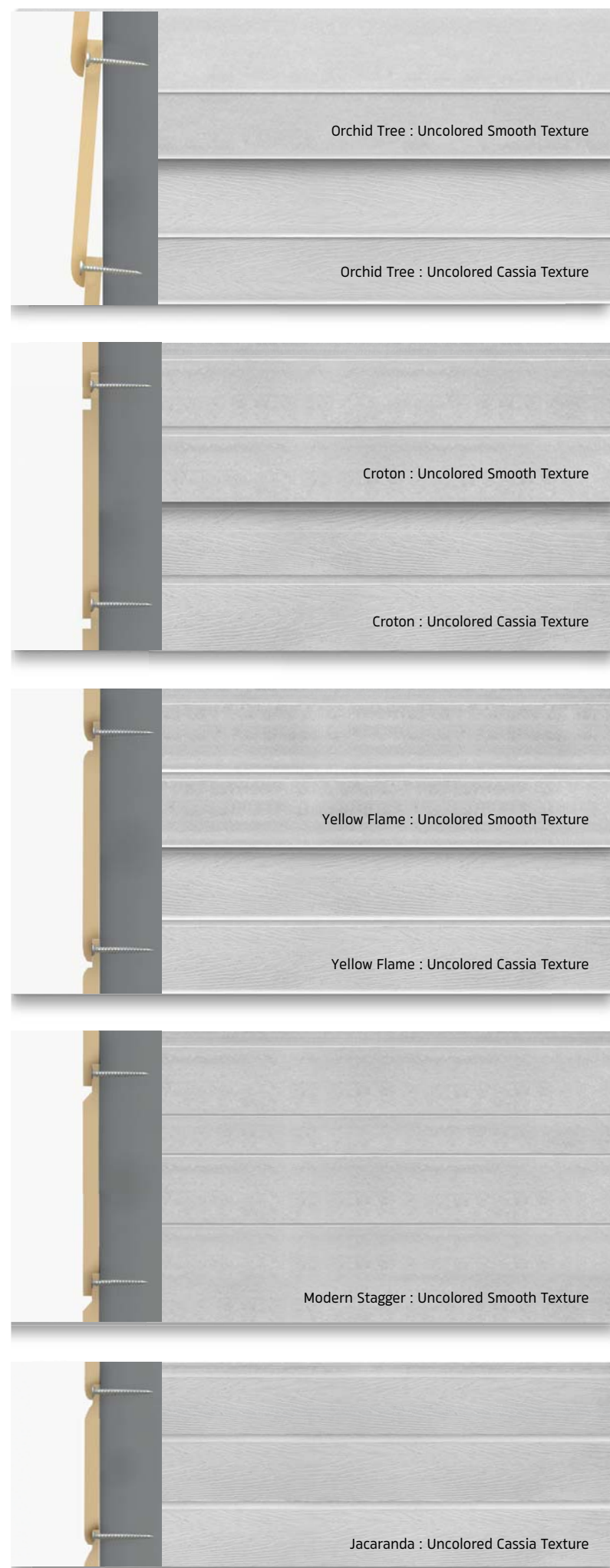


Remark : Profiles on Cassia Texture : Orchid Tree / Croton / Yellow Flame / Jacaranda  
 : Profiles on Smooth Texture : Orchid Tree / Croton / Yellow Flame / Modern Stagger

\*Made to order item

Dimensions

Orchid Tree	10 x 150 x 3000 mm	6.55 kg	2.67 Pcs/Sq.m
Croton	10 x 150 x 3000 mm	6.33 kg	2.57 Pcs/Sq.m
Yellow Flame	10 x 150 x 3000 mm	6.33 kg	2.57 Pcs/Sq.m
Modern Stagger	10 x 100 x 3000 mm	4.40 kg	4.17 Pcs/Sq.m*
	10 x 150 x 3000 mm	6.60 kg	2.57 Pcs/Sq.m*
Jacaranda	10 x 200 x 3000 mm	8.80 kg	1.86 Pcs/Sq.m*
	10 x 150 x 3000 mm	6.10 kg	2.55 Pcs/Sq.m*



# SHERA splendid plank



# SHERA skirt

A wood trimming substitution for Floor-Wall and Wall-Ceiling finish, *SHERA* skirt is an excellent alternative with beautiful carvings. It is long lasting and free from moisture and termite.



## Dimensions

Wall-Ceiling Skirt	
Classic Profile	: 8 x 50 x 3000 mm 1.80 kg
	8 x 75 x 3000 mm 2.70 kg*
Modern profile	: 8 x 50 x 3000 mm 1.80 kg
	8 x 75 x 3000 mm 2.70 kg*



## Dimensions

Ended Skirt	
Classic Profile	: 12 x 100 x 1000 mm 1.83 kg
Modern profile	: 12 x 100 x 1000 mm 1.83 kg



## Dimensions

Floor-Wall Skirt	
Classic Profile	: 12 x 100 x 3000 mm 5.33 kg
Modern profile	: 12 x 100 x 3000 mm 5.33 kg
Colonial Profile	: 12 x 100 x 3000 mm 5.33 kg



Uncolored  
Smooth Texture

Remark : \*Made to order item

# SHERA laminated skirt

## Dimensions

Classic Profile	: 12 x 100 x 3000 mm 5.33 kg
Modern profile	: 12 x 100 x 3000 mm 5.33 kg



Cherry

Oak\*



Maple\*

Beech\*

Remark : \*Made to order item

*SHERA* laminated skirt is another achievement of *SHERA* wood group that combines the advance fibre cement technology with the lamination technology perfectly giving you the beauty of wooden look and various wood like colors. It can perfectly replace any wooden skirt and other types of synthetic wood skirt, suitably fitted with floor-wall and wall-ceiling finish.





# SHERA eaves



SHERA eaves are unique fibre cement composite for wood substitution purpose, specially designed for exterior uses in calm to tropical climates. SHERA eaves adds the finishing touch to a beautiful and lasting home. They provide unmatched durable and low maintenance roof fascia as well as come in variety of dimensions, colors, textures and profiles to achieve the unlimited architectural designs. SHERA eaves offer not only aesthetic features, but also the inherited properties of an autoclaved fibre cement composite material rendering a critical criterion in their decision making.

Color	Smooth Texture Curved edge (3000 mm)	Smooth Texture Curved edge (4000 mm)	Smooth Texture Square-cut edge (3000 mm)	Smooth Texture Square-cut edge (4000 mm)	Cassia Texture Curved edge (3000 mm)	Smooth Texture Beveled edge (3000 mm)	Smooth Texture Beveled edge (4000 mm)
Uncolored	•	•	•	•	•	•	•
Jasmine White Primer	•	•	•			•	•
Red Mahogany	•	•				•	•
Honey Teak Brown				•		•	•

## Dimensions

	EA 001	EA003	EA004	EA006
16 x 150 x 3000 mm	10.31 kg	-	10.31 kg	10.61 kg
16 x 200 x 3000 mm	13.90 kg	14.35 kg	13.90 kg	13.75 kg
16 x 150 x 4000 mm	13.75 kg	14.35 kg		13.55 kg
16 x 100 x 4000 mm	-	-	-	9.57 kg
16 x 200 x 4000 mm	18.54 kg	19.41 kg	-	18.34 kg



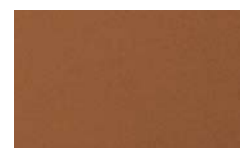
Uncolored



Jasmine White Primer



Red Mahogany



Honey Teak Brown

# SHERA eaves filler unit



Uncolored Teak Texture



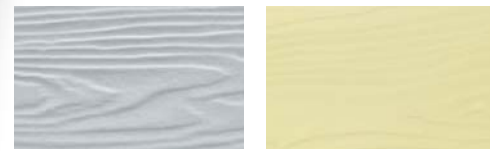
Red Mahogany Teak Texture

## Dimensions

EA002 Roman Tile	8 x 150 x 3000 mm	3.50 kg
EA005 Trilon Tile	8 x 150 x 3000 mm	4.00 kg



# SHERA shake



Uncolored  
Teak Texture

Light Yellow\*  
Teak Texture



Cherry Red\*  
Teak Texture

Golden Sand Teak\*  
Teak Texture

Remark : \*Made to order item

Inspired by the beauty of real wood shake combined with the advanced fibre cement composite technology, *SHERA* shake is neatly designed as a new alternative of vernacular roofing tile. *SHERA* shake delivers beauty and long lasting performance but without the costly maintenance. You can challenge the threats of traditional wood shake properties. *SHERA* shake matches the unique detailing and warm look of wood without the drawbacks associated with it. *SHERA* shake brings homeowners the best of both worlds: the look and feel of wood shake with the durability of fibre cement composite and properties such as water resistance, termite free and impact resistance against hail damage.

## Dimensions

Triangle profile	8 X 150 X 400 mm	0.60 kg	44.4 Pcs/Sq.m
Curved profile	8 X 150 X 400 mm	0.70 kg	44.4 Pcs/Sq.m
Hexagon profile	8 X 150 X 400 mm	0.70 kg	44.4 Pcs/Sq.m

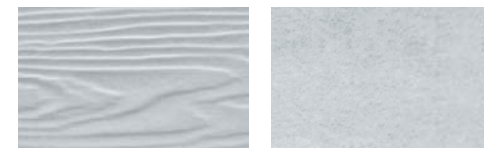


# SHERA strip

*SHERA* strip is a unique fibre cement composite, specially designed for exterior ceiling application in calm to tropical climates. It helps facilitating the wind flow and ventilation under the roof. It helps saving energy consumption whereas enhancing the beauty of soffit lining. *SHERA* strip offers the distinctive look of wood with the low maintenance and durability of fibre cement composite. A variety of textures and profiles help almost any structure achieve charming architectural designs. For its strength, beauty, and durability, *SHERA* strip is simply the best choice for enhancing and protecting your home. *SHERA* strip can also be applied to wide ranges of decorative purposes such as louver, lattice, sun shade and fence to fulfill your design imagination.

## Dimensions

<i>Teak texture : Square-cut edge</i>			
8 x 50 x 3000 mm	1.80 kg	6.67 Pcs/Sq.m	
8 x 75 x 3000 mm	2.70 kg	4.45 Pcs/Sq.m*	
<i>Smooth texture : Square-cut edge</i>			
8 x 75 x 3000 mm	2.70 kg	4.45 Pcs/Sq.m	
8 x 100 x 3000 mm	3.60 kg	3.34 Pcs/Sq.m	
<i>Smooth texture : V-cut edge</i>			
8 x 75 x 3000 mm	2.70 kg	4.45 Pcs/Sq.m	
8 x 100 x 3000 mm	3.60 kg	3.34 Pcs/Sq.m	



Uncolored  
Teak Texture

Uncolored  
Smooth Texture



Cherry Red\*  
Teak Texture

Red Mahogany  
Smooth Texture

Remark : \*Made to order item



# SHERA neo series

SHERA neo series with Color Through technology are the ideal siding and decorating collections for natural touch on your building. SHERA neo series combine the warmth and look of real wood with unmatched wood straight grain and color. The superior look of SHERA neo series accents the exterior and interior details of modern siding, ceiling and sun louver. Available in sizes to maximize your design possibilities without the maintenance hassles.

## Dimensions

<i>SHERA neo strip</i>		
10 x 50 x 3000 mm*	2.50 kg	6.67 Pcs/Sq.m
10 x 75 x 3000 mm*	3.75 kg	4.45 Pcs/Sq.m
10 x 100 x 3000 mm*	5.00 kg	3.34 Pcs/Sq.m
<i>SHERA neo plank</i>		
10 x 150 x 3000 mm*	7.50 kg	2.22 Pcs/Sq.m
10 x 200 x 3000 mm*	10.00 kg	1.67 Pcs/Sq.m
<i>SHERA neo floor plank</i>		
25 x 150 x 3000 mm*	17.34 kg	2.22 Pcs/Sq.m
25 x 200 x 3000 mm*	23.12 kg	1.67 Pcs/Sq.m

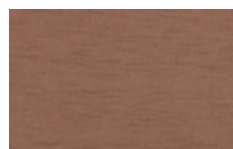
Remark : \*Made to order item



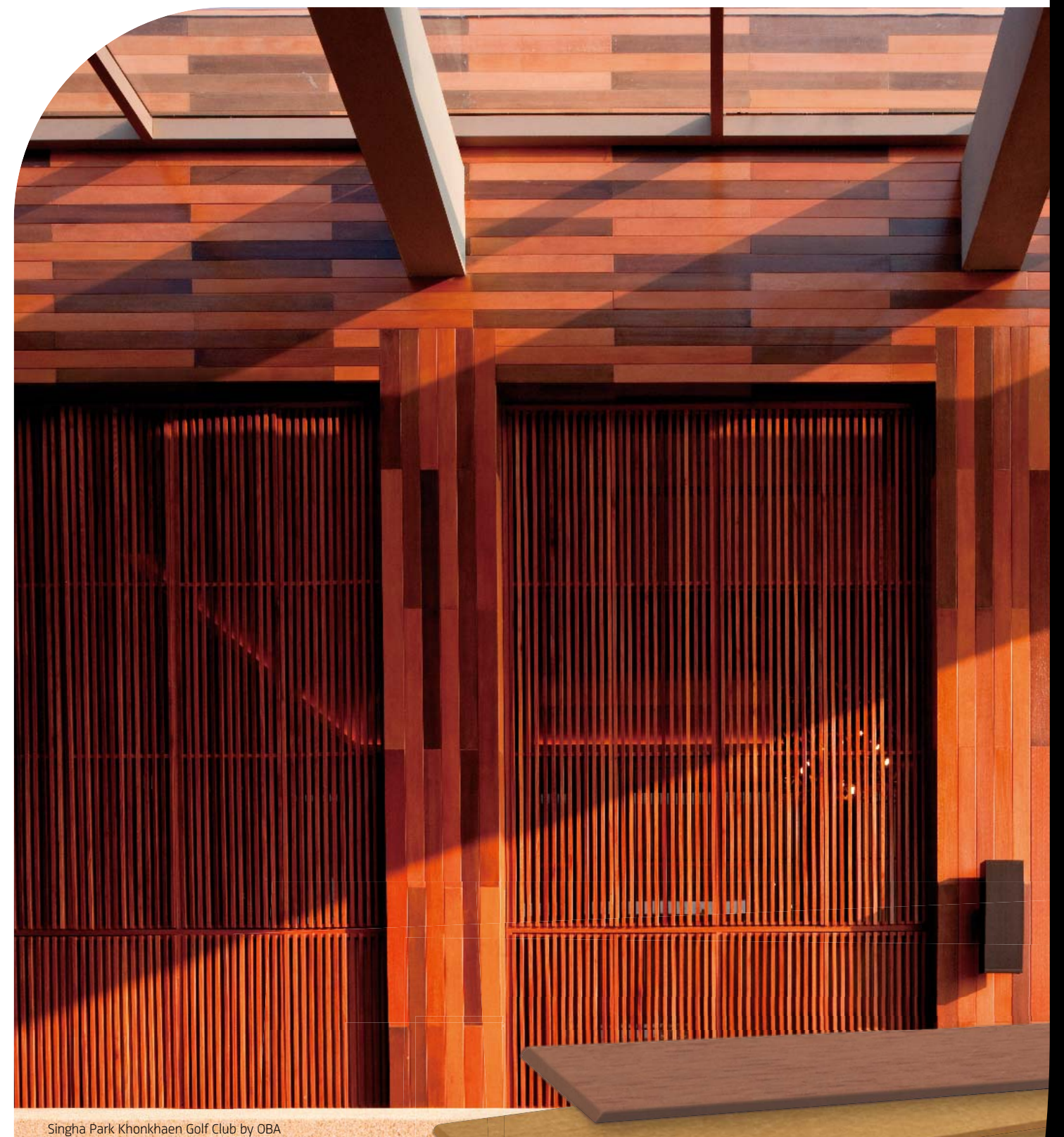
Ash Brown\*  
(Color Through)  
Straight Grain Texture



Ebony Black\*  
(Color Through)  
Straight Grain Texture



Amber Cherry\*  
(Color Through)  
Straight Grain Texture



Singha Park Khonkhaen Golf Club by OBA



# SHERA vent board



Uncolored Smooth Texture      Light Yellow\* Smooth Texture

Remark : \*Made to order item

## Dimensions

<b>Nepal Trumpet Profile</b>	10 x 600 x 2000 mm	12.01 kg
<b>Blossom Profile</b>	8 x 600 x 1200 mm	7.30 kg
<b>Paragon Profile</b>	10 x 300 x 1520 mm	4.70 kg
<b>Liana Profile</b>	10 x 490 x 1040 mm	5.10 kg
<b>Star Jasmine Profile</b>	10 x 190 x 1000 mm	1.90 kg
	10 x 600 x 2000 mm	13.40 kg
<b>Heart Profile</b>	8 x 450 x 900 mm	3.30 kg
	8 x 700 x 900 mm	4.80 kg
<b>Louis Profile</b>	8 x 600 x 600 mm	2.93 kg
<b>Fountain Plant Profile</b>	10 x 600 x 600 mm	2.73 kg

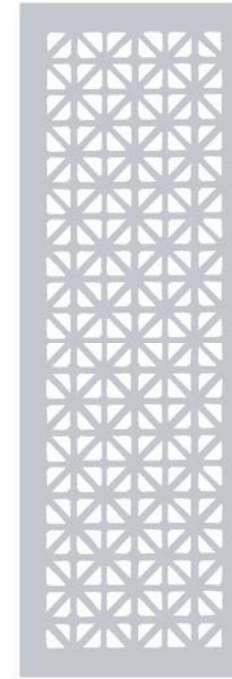
Nepal Trumpet Profile



Blossom Profile



Paragon Profile



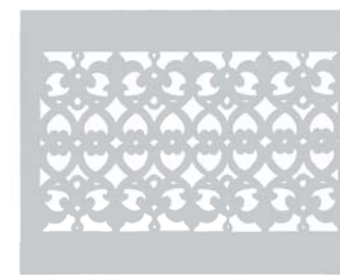
Liana Profile



Star Jasmine Profile



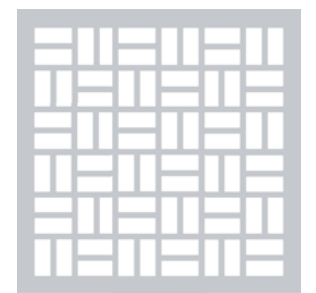
Heart Profile



Louis Profile



Fountain Plant Profile



# SHERA baluster



Uncolored Smooth Texture

## Dimensions

<b>Lily Profile</b>	12 x 150 x 800 mm	1.70 kg
<b>Rose Profile</b>	12 X 150 X 800 mm	2.10 kg



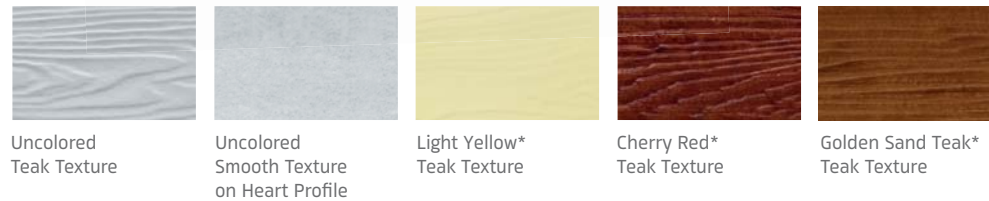
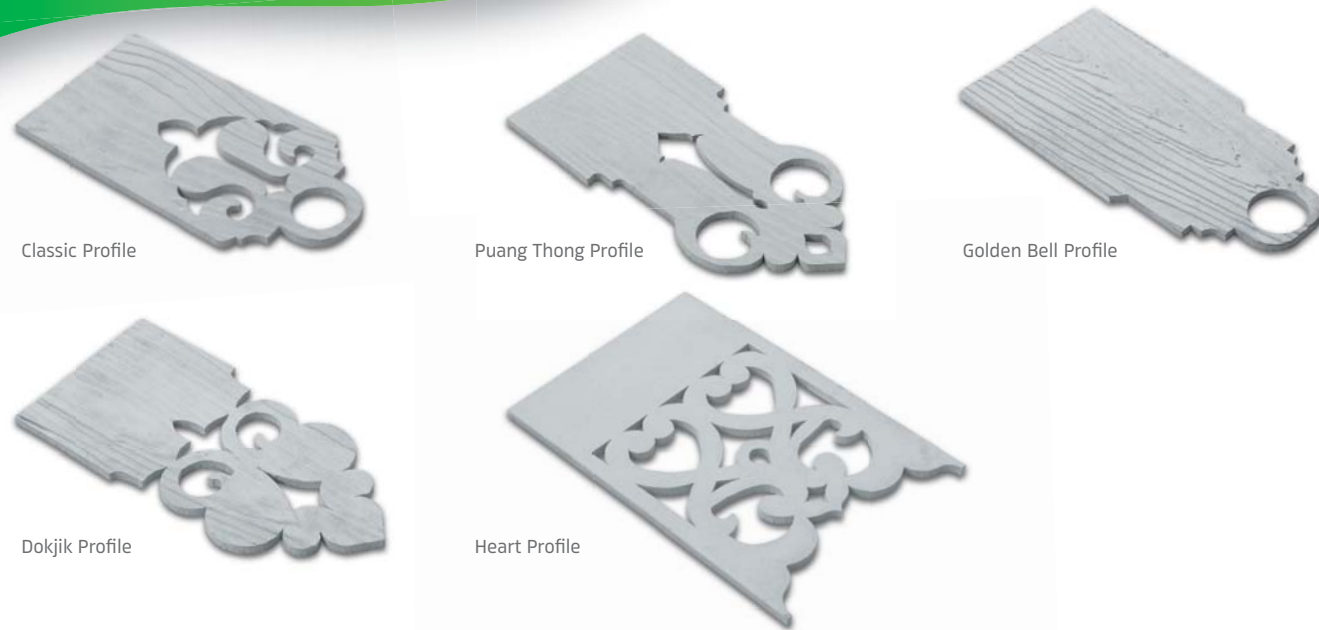
Lily Profile



Rose Profile

# SHERA eaves drop

SHERA eaves drop is the perfect combination between an innovative technology of fibre cement composite and an intellectual workmanship. SHERA eaves drop offers a rare combination of exceptional aesthetics, enduring performance, and finishing ease. It offers homeowners the warmth and detailing of elegant wood work without the maintenance.



Remark : \*Made to order item  
\*\*Only available in uncolored

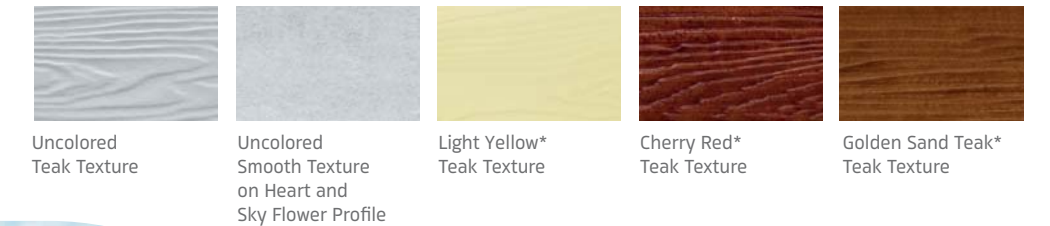
## Dimensions

<b>Classic Profile, Teak Texture</b>		
8 x 150 x 300 mm	0.40 kg	6.67 Pcs/m
8 x 150 x 500 mm	0.70 kg	6.67 Pcs/m
<b>Puang Thong Profile, Teak Texture</b>		
8 x 150 x 300 mm	0.42 kg	6.67 Pcs/m
8 x 150 x 500 mm	0.70 kg	6.67 Pcs/m
<b>Golden Bell Profile, Teak Texture</b>		
8 x 150 x 300 mm	0.50 kg	6.67 Pcs/m
8 x 150 x 500 mm	0.80 kg	6.67 Pcs/m
<b>Dokjik Profile, Teak Texture</b>		
8 x 150 x 300 mm	0.40 kg	6.67 Pcs/m
8 x 150 x 500 mm	0.70 kg	6.67 Pcs/m
<b>Heart Profile, Smooth Texture</b>		
8 x 200 x 300 mm	0.70 kg	5 Pcs/m
8 x 200 x 500 mm	1.14 kg	5 Pcs/m



# SHERA eaves lace

SHERA eaves lace offers a spectacular wood work aesthetics design with the exceptional durability of fibre cement composite. SHERA eaves lace offers the distinctive look of wood craftsmanship with the low maintenance. A variety of styles and profiles help designers achieving unlimited charming architectural designs. For its strength, its beauty as well as its superlative properties, SHERA eaves lace is just simply the best decorative material for enhancing your home.



Remark : \*Made to order item  
\*\*Only available in uncolored

## Dimensions

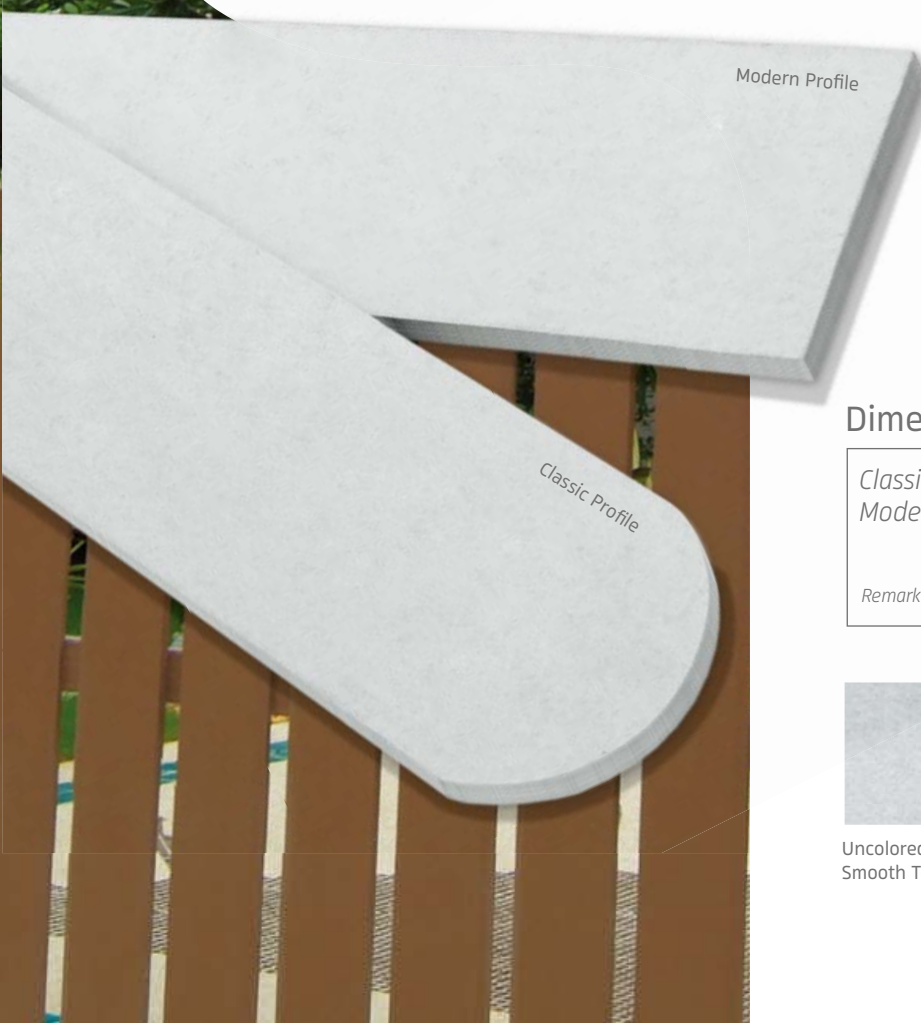
<b>Lotus Profile, Teak Texture</b>	
8 x 200 x 1000 mm	1.50 kg
<b>Tulip Profile, Teak Texture</b>	
8 x 200 x 1000 mm	1.50 kg
<b>Dokrak Profile, Teak Texture</b>	
8 x 200 x 1000 mm	2.00 kg
<b>Alamanda Profile, Teak Texture</b>	
8 x 200 x 1000 mm	1.95 kg
<b>Sky Flower Profile, Teak Texture</b>	
8 x 200 x 1000 mm	1.50 kg
<b>Heart Profile, Smooth Texture</b>	
8 x 300 x 1000 mm	2.25 kg



# SHERA fence



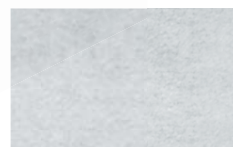
*SHERA* fence is an autoclaved cellulose fibre cement composite product that contains absolutely NO asbestos fibre. *SHERA* fence is designed for exterior use especially in calm to tropical climates. This new autoclaved version of wood-like fence acquires impressive properties such as toughness, lengthwise stability, flexibility and weather resistance. *SHERA* fence requires relatively low maintenance. *SHERA* fence is warmly welcome in both residential and commercial segment of the market. People choose *SHERA* fence not solely from its aesthetic features, the inherited properties as an autoclaved fibre cement composite material render a critical criterion in their decision makings.



## Dimensions

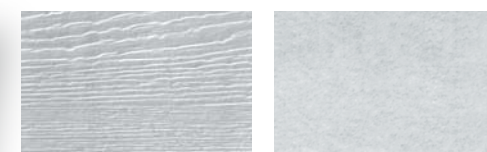
Classic Profile	: 12 x 100 x 1500 mm	2.50 kg
Modern profile	: 12 x 100 x 1500 mm	2.60 kg
	12 x 100 x 3000 mm	5.34 kg*

Remark : \*Made to order item



Uncolored Smooth Texture

# SHERA decor wood



Uncolored Cassia Texture\*

Uncolored Smooth Texture\*



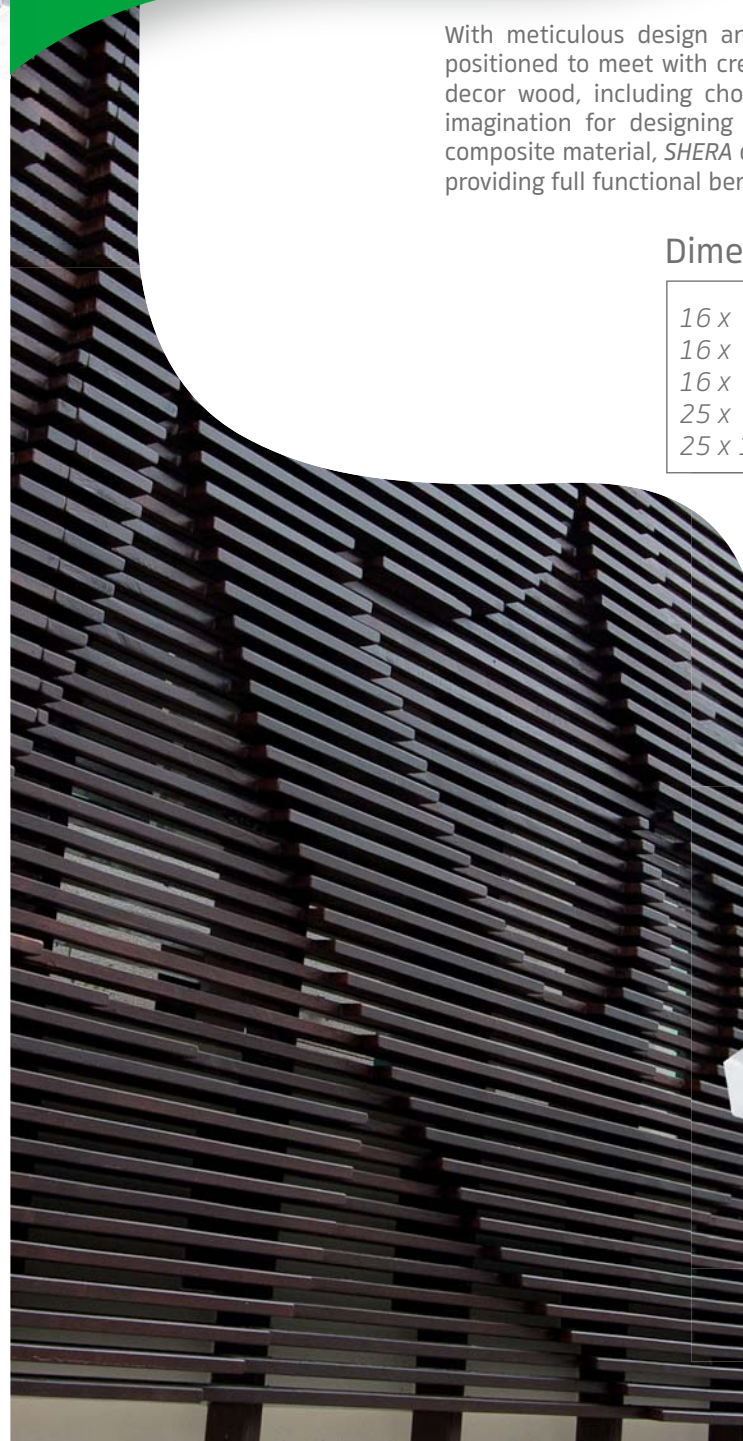
Uncolored Straight Grain Texture\*

Remark : \*Made to order item

With meticulous design and continuous refinement, *SHERA* decor wood is developed and positioned to meet with creative building and decorative solutions. Various designs of *SHERA* decor wood, including choice of dimensions and colors, will help you endlessly fulfill the imagination for designing novel buildings. With exceptional performance of fibre cement composite material, *SHERA* decor wood is not only serving the aesthetic requirements, but also providing full functional benefits of material for building decoration.

## Dimensions

16 x 50 x 3000 mm	Smooth Texture	3.59 kg	6.67Pcs/Sq.m
16 x 75 x 3000 mm	Smooth Texture	5.38 kg	4.44Pcs/Sq.m
16 x 75 x 3000 mm	Cassia Texture	5.38 kg	4.44Pcs/Sq.m
25 x 50 x 3000 mm	Cassia Texture	5.78 kg	6.67Pcs/Sq.m
25 x 100 x 3000 mm	Cassia Texture	11.56 kg	3.33Pcs/Sq.m



# SHERA

## Tools & Accessories

### Technical Data



**SHERA corner piece**  
Surface Texture : Smooth, Uncolored  
Size : 6 x 80 x 3000 mm



**SHERA sealant PU25**  
Polyurethane joint sealant is used for jointing gap



**SHERA steel corner piece**  
Inner unit : 10 x 75 x 3000 mm  
Outer unit : 8 x 75 x 3000 mm

**SHERA acrylic coating**  
100% pure acrylic emulsion with excellent resistance to fungus and alkali.  
Coverage : 10-20 Sq.m/ US. Gallon (25-30 micron)  
**Container : 0.946 liter**



**SHERA screw fix-w**  
For fixing SHERA wood and SHERA board to 1.0-3.2 mm steel frame  
Length : 23, 32 and 45 mm  
Package : FIX-W32G8=500 pcs / box  
FIX-W45G8=250 pcs / box



**SHERA screw fix-t**  
For fixing SHERA wood and SHERA board to timber frame  
Length : 32 and 45 mm  
Package : FIX-T¾"=500 pcs / box  
FIX-T¾"=250 pcs / box

Frame Type	SHERA plank SHERA splendid plank SHERA strip	SHERA eaves SHERA skirt SHERA floor plank SHERA decor wood
Steel Frame	FIX-W32 G8	FIX-W45 G8
Timber Frame	FIX T 1¾"	FIX T 1¾"

Properties	Standard	Unit	SHERA plank SHERA strip (Teak)	SHERA splendid plank	SHERA skirt SHERA laminated skirt SHERA fence SHERA baluster	SHERA ceiling skirt	SHERA strip (Smooth) SHERA strip (Straight grain)	16 mm Thick SHERA eaves SHERA stair riser SHERA floor plank SHERA decor wood	SHERA eaves filler unit	25 mm Thick SHERA floor plank SHERA decor wood	SHERA floor : 30mm Thick SHERA stair tread
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Physical Properties											
1. Thickness Tolerance	ASTM C1185	mm.	+/- 0.50	+/- 0.60	+/- 0.72	+/- 0.48	+/- 0.48	+/- 0.96	+/- 0.50	+/- 1.50	+/- 2.0
2. Density	ASTM C1185	kg/cu.m.	1300-1400	1250-1350	1300-1400	1300-1400	1300-1400	1300-1400	1300-1400	1300-1390	1300-1390
3. MOR (Avg)	ASTM C1185	MPa	-	≥ 9 (WET)	-	-	-	-	-	-	-
4. MOR (MD)	ASTM C1185	MPa	-	-	≥ 12 (EMC)	≥ 12 (EMC)	-	≥ 12 (EMC)	-	≥ 11 (EMC)	≥ 11 (EMC)
5. Toughness (MD)	ASTM C1185	J/m2	≥ 12 (EMC)	-	≥ 10 (EMC)	≥ 7 (EMC)	≥ 12 (EMC)	≥ 10 (EMC)	≥ 9 (EMC)	-	-
6. Water Absorption	ASTM C1185	%	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35
7. Moisture Content	ASTM C1185	%	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15
8. Water Tightness	ASTM C1185		-	-	-	-	-	-	-	-	-
9. PH Value	ISO 10390:2005		7	7	7	7	7	7	7	7	7

Fire Resistance Properties											
10. Ignitibility	BS476 Part 5		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
11. Fire Propagation Index	BS476 Part 6		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
12. Surface Spread of Flame	BS476 Part 7		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Durability Properties											
13. Freeze / Thaw Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
14. Warm Water Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
15. Heat / Rain Resistance	ASTM C1185		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
16. Soak / Dry Resistance	ISO:8336 Part (E)		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



### Handling & Storage

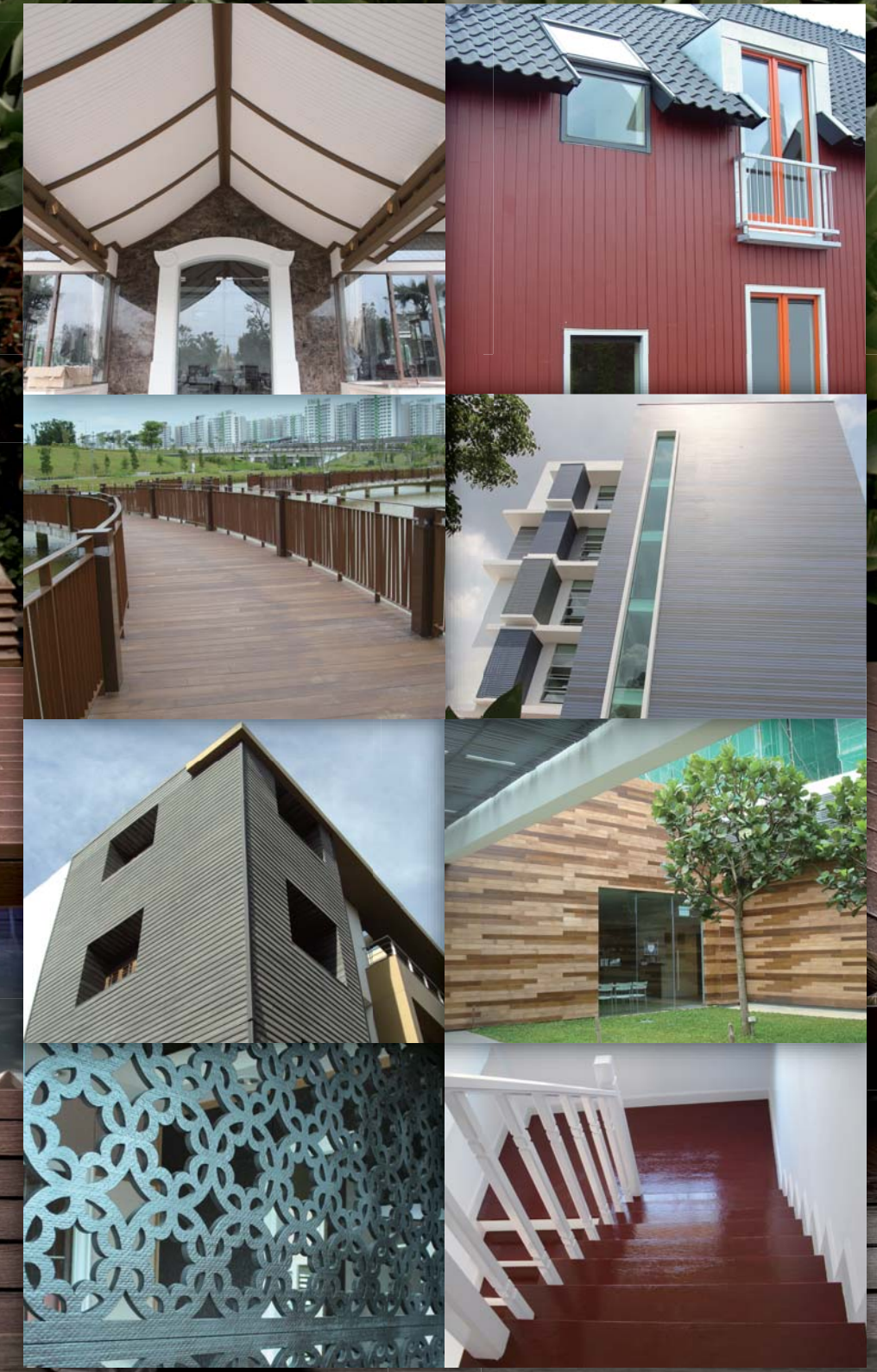


SHERA wood products should be stacked on dry and level ground. It is recommended that SHERA wood should be stored under cover to ensure an equilibrium moisture content condition for fixing and finishing. Installing SHERA wood products when damp or wet may result in shrinkage or cracking at joints or fitting points.

To achieve maximum benefits from the inherited functionality of SHERA wood product, care should be exercised through out transportation and installation to avoid mishandling of the products.

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residential commercial industrial



# SHERA wood

roof ceiling wall floor door & window decorative

build better, live better

**SHERA**<sup>TM</sup> APPLICATION SOLUTIONS