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# Green Innovation

**SHERA** responds to our customers and their family with innovative development of wood substituted products for flooring, walling and ceiling applications that serves all needs in your home and other buildings







# SHERA



SHERA has been Thailand's first leader of complete synthetic wood since 1997 by application of globally accepted cutting-edge manufacturing technology including

#### Hatschek Technology

SHERA wood is produced with Hatschek technology to ensure its strength by elaborately weaving fiber cement in each layer and applying complete chemical interaction process to create outstanding SHERA products which are stronger and more flexible than materials made with any other processes. Then, the products are transferred to molding process.

#### Autoclave Technology

Under the internationally accepted Autoclave technology, *SHERA* wood become one of the most perfect materials. Our products are baked in the pressure and heat controlled room to ensure that each piece of wood is of the same quality standard.

All SHERA's products are, high quality internationalstandards.

Properties	Fibre Cement	Real wood	WPC	Ply	Gypsum
Termite Free	11	Х	11	×	1
No Rotting	11	X	X	×	/
Heat and Fire Resistant	11	X	X	×	×
Moisture Resistant	11	X	11	X	×
No Cemical	11	11	X	X	×
Low Shrinkage	11	X	X	×	11
Looks like real wood	11	11	11	-	_
Weather Resistant	11	X	1	1	1
Easy to paint	✓	1	/	1	11
Low Maintainance	11	1	1	1	11
Environmental Friendly	11	11	X	11	/
Sound Reduction	11	-	-	/	11

# **Ceiling Application**

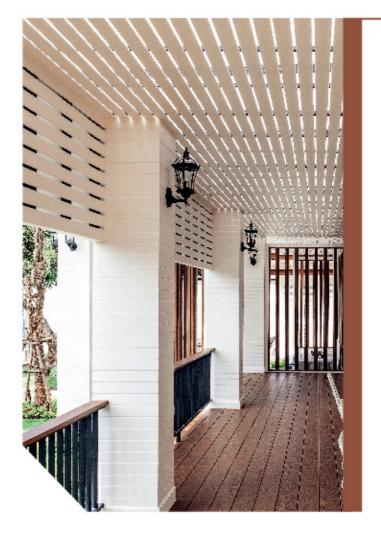




The fundamental of ceiling application is to create a sense of







# **SHERA** Strip

Building your ceiling with **SHERA** Strip is a great way to improve ventilation effectively, leaving your indoor space cool and comfortable. It also gives you the flexibility to achieve the ultimate beauty for any indoor and outdoor ceiling designs. **SHERA** Strip is strong and durable in any weather conditions and comes with different color choices from natural wood grains all the way to painted wood options and Shine Light series.



Uncolored Straight Grain Texture



Cherry Red\*

Uncolored Teak Texture



Uncolored Red Mahogany Smooth Texture Smooth Texture





Modern Grey Color Beech Color Straight Grain Straight Grain Texture Texture

### Product Information

			Size (cm.)	Weight	Quantity	
Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)	(pc./sq.m.)	
Square-Cut Edge	Straight Grain	Uncolored	0.8 x 5.0 x 300	1.80	6.67	
Square-Cut Edge		Uncolored	0.8 x 5.0 x 300	1.80	6.67	
	Teak		0.8 x 7.5 x 300	2.70	4.45	
		Cherry Red*	0.8 x 7.5 x 300	2.70	4.45	
Square-Cut Edge		Uncolored	0.8 x 7.5 x 300	2.70	4.45	
	Smooth	Smooth		0.8 x 10 x 300	3.60	3.34
V-Cut Edge		Red Mahogany	0.8 x 7.5 x 300	2.70	4.45	
		Uncolored	0.8 x 7.5 x 300	2.65	4.45	
V-Cut Edge	Straight Grain		0.8 x 10 x 300	3.55	3.34	
		Beech Modern Grey	0.8 x 7.5 x 300	2.65	4.45	

Remark: \*made to order item

## **SHERA** Shine Light Strip

SHERA Shine Light Strip is designed with an ultra thick coating innovation which enhances the beauty and lasting of color. With its distinctive wooden textures and colors, SHERA Shine Light Strip underlines natural look and more for your home. Worry less about maintenance from now on with a self-cleaning technology which reduces dust adhesion to the surface and increases your peace of mind. e Light reless Bea

# Red Dak Shine Light neu vox anne vern Straight Grain Texture Oak Shine Light Straight Grain Texture

#### **Product Information**



Oak Shine Light





Straight Grain Texture Straight Grain Texture

Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)	(pc./sq.m.)
V-Cut Edge	Straight Grain	Oak Shine Light Red Oak Shine Light	0.8 x 7.5 x 300	2.65	4.45



## **SHERA** Ceiling Skirt

Create a completely neat finish where the wall and ceiling meet with SHERA Ceiling Skirt. Add some beauty to baseboard and cornice with our skirting profile which is not only beautiful but also durable and easy to clean. No more stains or termites to worry about. Ensure the perfect finish for your ceiling installation with SHERA ceiling skirt.



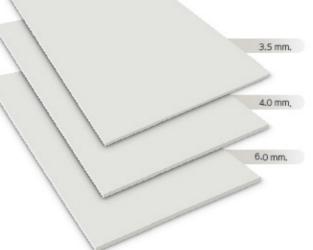
#### Product Information





Create a loft-style wall with SHERA Ceiling Skirt instead of traditional brick.





# **SHERA** Ceiling Board

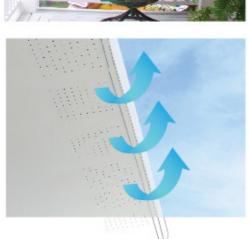
SHERA *Ceiling Board* is durable and suitable for external soffit and internal ceiling. It's also an ideal application for wet areas such as bathroom, kitchen, garage and eaves, etc. *SHERA* Ceiling Board is tough and strong, not brittle, not crack easily and doesn't contain any asbestos content. Other properties include water, moisture resistance and bendability as needed, making it a perfect ceiling material for interior and exterior.

Product In	rormatioi	n	Size (cm.)	Weight	Quantity	
	Profile	Color	(Thickness*Width*Length)	(kg./pc.)	(pc./sq.m.)	Application area
			0.35 x 122 x 122	8.14	0.67	Interior Ceiling
			0.35 x 122 x 244	16.28	0.34	
	Square-Cut Edge	Uncolored	0.40 x 122 x 122	9.30	0.67	
	-4		0.40 x 122 x 244	18.61	034	Interior and exterior ceiling
			0.45 x 122 x 244	20.90	0.34	-
			0.60 x 122 x 244	27.91	0.34	

Available in metric size.









# **SHERA** Vent Ceiling

Sunlight in Thailand can increase temperature and humidity in your home and make it unpleasant to live in. That's why it's important to choose the right material that comes with great benefits to make your home pleasurable again. SHERA vent Ceiling can tolerate sunlight and rain. It is also rot-resistant and suitable for exterior soffit. By facilitating the wind flow and ventilation under the roof, SHERA vent ceiling can make your home cooler and more comfortable even without air conditioning and therefore helps reduce your electricity use.



### **Product Information**

ckness*Width*Length)	(kg./pc.)	(pc./sq.m.)	Application area	
0.32 x 60 x 120	3.52	1.39		
0.32 x 61 x 122	3.72	1.34		
0.40 x 60 x 120	4.41	1.39		
0.32 x 60 x 120	3.52	1.39	Exterior soffit	
0.40 x 60 x 120	4.41	1.39	Exterior Sorric	
0.40 x 60 x 120	4.01	1.39		
0.40 x 60 x 120	4.25	1 20		
	0.32 x 60 x 120 0.40 x 60 x 120 0.40 x 60 x 120	0.32 x 60 x 120 3.52 0.40 x 60 x 120 4.41 0.40 x 60 x 120 4.01	0.32 x 60 x 120 3.52 1.39 0.40 x 60 x 120 4.41 1.39 0.40 x 60 x 120 4.01 1.39	

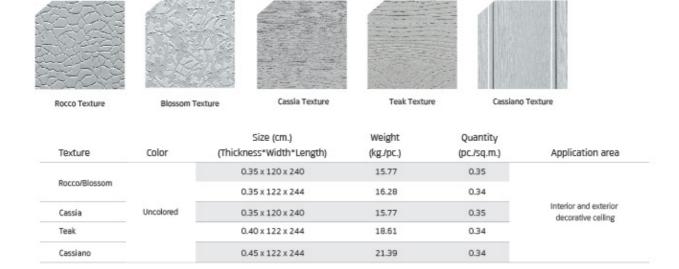




## **SHERA** Deco Ceiling

Make your decoration complete and bring nature elements into your spaces as your heart desires with **SHERA** Deco Ceiling. This decorative solution has many outstanding properties including durability in any weather conditions and resistance to water, humidity, fire, impact as well as termites. It's also sound proofing when cutting, hammering or drilling, making installation become easy. So when it comes to expressing your personal style through designs, SHERA Deco Ceiling is the answer.

#### **Product Information**











Cassiano Texture

# Wall Application







## **SHERA** Plank

The first product that comes into everyone's mind when mentioning **SHERA** is **SHERA** Plank, an alternative to wooden decoration that gives you the same warmth you would get from real wood texture. With a full range of features from low shrinkage and no wrapping to termite-resistance, you can create a cozy atmosphere inside your home with this natural glow.

SHERA plank is suitable for interior and exterior wall decorations. It also comes in several sizes and colors to suit your style and preferences: uncolored, painted and Shine Light series.

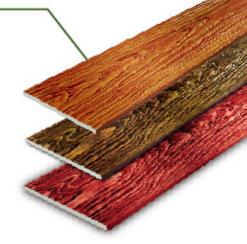


Pioduc	t IIIIOI	mation	Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	Quantity (pc./sq.m.			
Uncolored Antique Wood				Antique Wood	Uncolored	0.8 x 15 x 300 0.8 x 20 x 300	5.40 7.20	2.67 2.00			
				Straight Grain		0.8 x 15 x 300	5.40	2.67			
					Uncolored	0.8 x 15 x 400	7.20	2.00			
Uncolored	Uncolored			Cassia		0.8 x 20 x 300	7.20	2.00			
Straight Grain	Cassia					0.8 x 20 x 400	9.60	1.50			
Uncolored			Square-Cut Edge		Uncolored  Modern Grey  Light Yellow  Light blue  Walnut						
Modern Grey	Light Yellow	Light Blue						Madau Barra	0.8 x 15 x 300	5.40	2.67
-	-			Teak	Merbau Brown	0.8 x 15 x 400	7.20	2.00			
Design Trans					Afromosia Brown	0.8 x 20 x 300	7.20	2.00			
		Honey Teak Brown Afromosia Brown			Golden Sand Teak  Golden Teak  Afromosia Brown  Red Mahogany  Cherry Red	0.8 x 20 x 400	9.60	1.50			



# SHERA Shine Light Plank

Add a shiny, glamorous look to your wall with our ultra-thick coating innovation. SHERA Shine Light Plank will give a high-glossy finish and distinct wooden appearance to the wall surface. And with an innovative self-cleaning feature, SHERA Shine Light Plank helps reduce allergy-triggering dust in your home. It is also resistant to all kinds of weather and able to maintain its wood-like charm. SHERA Shine Light Plank is designed to ensure the long-lasting beauty for your places.





Shine Light



Shine Light



Produc	t Info	ormation	Size (cm.)	Weight	Quantity
Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)	(pc./sq.m.)
			0.8 x 15 x 300	5.40	2.67
Square-Cut Edge	Took	Golden Teak Shine Light Teak Brown Teak Shine Light Rose wood Shine Light	0.8 x 15 x 400	7.20	2.00
Square-cut Eage	reak		0.8 x 20 x 300	7.20	2.00
			0.8 x 20 x 400	9.60	1.50





# **SHERA** Splendid Plank

Incorporate naturalness into your modern wall designs with patterns and textures of real wood.

SHERA Splendid Plank comes with two installation options: vertical and horizontal, and a unique feature of hidden screw marks on each plank. You can achieve the perfect screwless wall with both overlapping and grooving styles. Enjoy your safe, smooth, and durable walls in every season because SHERA Splendid Plank ensures beauty and strength that withstand the test of time





Smooth Texture

Beech Straight Grain Texture

roduct Ir	ntormat	ion	(kg./pc.)				
Profile	Color	Size (cm.) (Thickness*Width*Length)	Cassia Smooth Straight Grain		Quantity (pc/sq.m.)	Section image	
Orchid Tree		1.0 x 15 x 300	6.73	6.73	-	2.67	
Old lid Tree		1.0 x 20 x 300	-	8.97	-	1.67	Orchid Tree
Croton		1.0 x 15 x 300	5.65	5.65	-	2.57	Croton
Jacaranda	Uncolored	1.0 x 15 x 300	5.74	-	-	2.55	Jacaranda
		1.0 x 10 x 300	-	3.63	0.50	4.17	
Modern Stagger		1.0 x 15 x 300	-	5.88		2.57	Modern Stagger
		1.0 x 20 x 300	-	8.13	-	1.86	
Vollow Flamo	Uncolored	1.0 x 15 x 300	5.65	5.65	5.65	2.57	Yelra Bane



Do not hammer nails directly when applying splendid plank as ceiling, kindly use screws to ensure the long service life.





# **SHERA** Splendid Plank De'line

SHERA Splendid Plank De'line is designed for any striking modern architectural style you have in mind. It comes with 5 different grooved lines that can be applied to your indoor and outdoor in many styles that suit you.

### Product Information

Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	Quantity (pc/sq.m.)	Section image
Deline DLOO			1.0 x 22 x 300	8.93	1.64	
Deline DLO1			1.0 x 22 x 300	8.77	1.64	
Deline DLO2	Smooth	Uncolored	1.0 x 22 x 300	8.60	1.64	
Deline DLO5	DL05		1.0 x 22 x 300	8.12	1.64	
Deline DX12			1.0 x 22 x 300	8.44	1.64	

# **SHERA** Strip

### **Product Information**

Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg/pc.)	Quantity (pc./sq.m.)
Square-Cut Edge	Straight Grain	Uncolored	0.8 x 5.0 x 300	1.80	6.67
		Uncolored	0.8 x 5.0 x 300	1.80	6.67
Square-Cut Edge	Teak		0.8 x 7.5 x 300	2.70	4.45
		Cherry Red*	0.8 x 7.5 x 300	2.70	4.45
Carres Cat Edua	Smooth	Uncolored	0.8 x 7.5 x 300	2.70	4.45
Square-Cut Edge			0.8 x 10 x 300	3.60	3.34
V-Cut Edge		Red Mahogany	0.8 x 7.5 x 300	2.70	4.45
		Uncolored	0.8 x 7.5 x 300	2.65	4.45
			0.8 x 10 x 300	3.55	3.34
V-Cut Edge	Straight Grain	Beech Modern Grey Oak Shine Light Red Oak Shine Ligh	0.8 x 7.5 x 300	2.65	4.45

Remark: \*made to order color





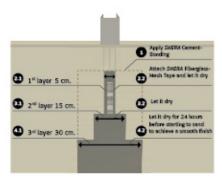
## SHERA Wall Board

SHERA wall Board is an ideal solution to walling, especially designed for indoor and outdoor wall applications. This series comes with a square-cut edge profile for exposed - joint wall and a recessed edge profile for smooth seamless wall. Installation is easy with cutting and drilling. Other great properties include durability, resistance to water-humidity-fire-impact and soundproof, therefore it is a perfect choice for walling in residential, hotel, resort, and industrial buildings. SHERA Wall Board will bring a good quality of life to homeowners everywhere.





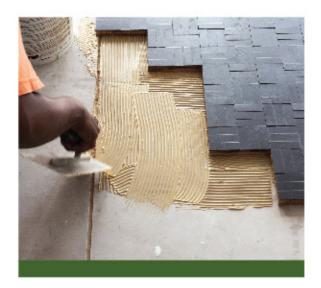
#### Smooth seamless Jointing



#### **Product Information**

	Profile	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	Quantity (pc./sq.m.)	Application area	
		0.6x122x244	27.91			
	Square-Cut Edge	0.8x122x244	37.26	0.34	Interior and exterior wall	
	oquare correage	1.0x122x244	46.58			
Uncolored		1.2x122x244	54.08			
oncolored	Recessed Edge	0.6x122x244	27.66		Smooth interior wall	
	necessed cage	0.8x122x244	36.99		*made to order item	

Available in metric size.



## Underlay SHERA Board

#### Underlay Board for Floor

SHERA Board with 8, 10 and 12 mm. thickness helps you prepare the flooring surface quicker than other conventional methods, a better way to achieve a completely level floor with less installation time. It also prevents further moisture issues and provides a quality substrate for various finishing such as ceramic tiles, engineered wood, laminate, parquet and rubber tiles. SHERA Board will help adjust level of flooring surface easier, smoother, and more durable.

#### Underlay Board for Roof

SHERA Board with 6, 8, 10 and 12 mm. thickness is an essential protective layer that helps prevent water leaking from the roof. It's suitable to apply as an underlay to roofs with 25-40 degree pitch. And for the maximum result, it's recommended that SHERA board is installed on rafters horizontally prior to installing purlins and roofs.



## SHERA Deco Board

Allow your space to show off its strikingly beautiful texture and architectural dimension with SHERA Deco Board. These beautiful patterns are crafted to go with several designs, making your home decor project more unique and outstanding than ever. SHERA Deco Board comes with a full range of properties including resistance to weather, water, moisture and fire which are the key components in terms of functionality. It's also soundproof and impact-resistant, which is ideal for both internal and external decorative applications. Installation is easy with screwing, cutting and drilling. In a word, SHERA Deco Board gives you a very convenient way to make your room look perfect.

Straight Grain 3"

Straight Grain 4"

Quantity

Weight

#### **Product Information**



















Texture	(Thickness*Width*Length)	(kg./pc.)	(pc./sq.m.)	Application area
Blossom/Rocco/Cassia	0.6 x 120 x 240	27.04	0.35	
	0.6 x 122 x 244	27.91	0.34	
	0.6 x 120 x 240	27.04	0.35	
Cassiano	0.6 x 122 x 244	27.91	0.34	
Cassiano	0.8 x 120 x 240	36.05	0.35	
	0.8 x 122 x 244	37.26	0.34	Decorative interior and exterior walls
Straight Grain 3*	0.6 x 120 x 240	26.42	0.35	and extend trails
Straight drain 5	0.6 x 122 x 244	27.91	0.34	
	0.6 x 120 x 240	27.75	0.35	
Brick	0.6 x 122 x 244	27.91	0.34	
	0.8 x 120 x 240	37.05	0.35	

Size (cm.)





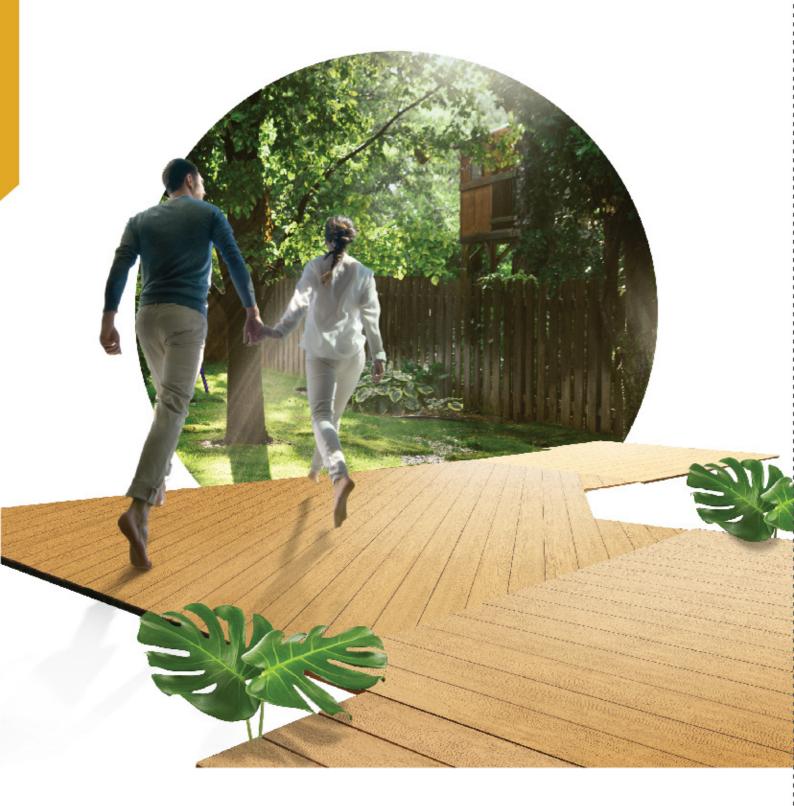




\*The real product will be in cement color out of factory.

The product in the picture has been painted for advertising only.

# **Floor Application**





Floor is the main part of every home and building needs to be planned since the beginning. Besides supporting the weight of all structures, nice flooring can make a striking statement in your home and building comfort feeling under your feet. That's why It's important to choose the right material by looking at qualifications, room's functions, budgets and designs that match your need.

SHERA Floor Plank is the answer to everything you need for flooring installation due to its high strength. In addition to that, it does not bend, swell, twist, nor squeak. It's also termite-resistant and easy to install. Combining all these properties together, SHERA Floor Plank helps ensure the durability and beauty of the floor that's going to last the full lifespan of your home.

SHERA Floor Plank Color Through
SHERA Floor Plank Color Through Anti Slip
SHERA Floor Plank Color Through Double Series
SHERA Floor Plank Clip-Lock Series
SHERA Floor Plank with Grooves
SHERA Stair
SHERA Stair Anti Slip
SHERA Floor Board





# **SHERA** Floor Plank Color Through

Growing more innovative, SHERA Floor Plank Color Through has pigment particles infused into it. Making the color stay true and scratch resistant for a long period of time. Home lovers are going to love this.

### Special Properties

- · Painted and ready to install
- · Color texture remains beautiful even with scratches
- · Beautiful as natural wood
- · Easy to install on 30- 40 cm. joist spacing frames



New SHERA Floor Plank Color Through will have enhanced beauty, endurance and resistant to scratches when combining with



SHERA TOP GUARD (TG-000)



## SHERA Floor Plank Color Through Anti Slip

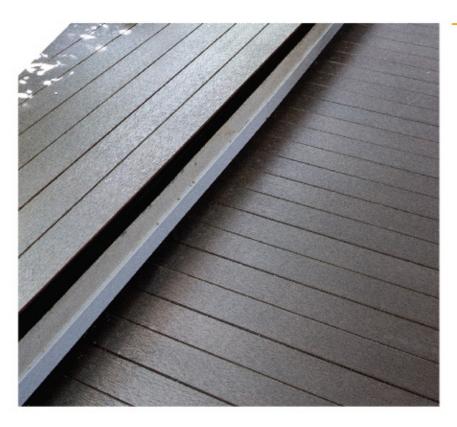
- Beautiful as natural wood
- · Anti-slip with micro polymer
- Safety certified by European standards

#### Product Information

COATED SHERAGRIP<sup>4</sup>



\*Primer on uncolored product







# SHERA Floor Plank Color Through **Double Series**

✓ Less maintenance 
✓ Weather Resistance 
✓ Feel Naturally

#### **Product Information**









	Jasmine		

Profile	Color
V-Cut Edge	Wenge Brown
	Tropical Oak
	Jasmine White Primer*

Quantity Size (cm.) Weight Texture (Thickness\*Width\*Length) (pc/sq.m.) (kg./pc.) Straight Grain 2.5 x 20 x 300 23.61 1.67

\*Primer on uncolored product



### **SHERA Plug**

Perfect your floor without having to touch up screw heads with this new approach.









Golden Sand Teak



Cheznut Brown

#### Properties of SHERA Plug



UV resistant coated Ultra strong to prevent color fading texture



Wood grain texture on SHERA Plug





Floor installation with SHERA Plug



1. Drill a hole 2. Drive SHERA Plug into the hole







## Loading table of SHERA Floor Plank

#### Concentrated Load /

Point Load (kg) - 100 mm. x 100 mm. foot print

Joist Spacing (mm.)	Allowable Concentrated Load (kg.) Width of Product (mm.)				
	150	200	300		
200	175	234	350		
300	117	156	234		
400	-	93	139		
500	-	-	89		

#### Uniform Load (kg/m²)

Joist Spacing (mm.)	Allowable Concentrated Load (kg.) Width of Product (mm.)				
	150	200	300		
200	11,680	11,680	11,680		
300	4,405	4,405	4,405		
400	-	1,658	1,658		
500	-	-	951		

Remark: 1) Apply on Shera Floor Plank products with 25 mm. thickness and 3 meter length

- 2) Products shall be installed on raised structural frames
- 3) Perior installation, all sizes of surfaces shall be coated with primer and top coats
- 4) Loading requirement shall be provided by engineer, and verify to loading table recommended above
- 5) All support framing / joists to be designed and endorsed by qualfied engineer. Shera shall not reliable

<sup>6)</sup> Table above is designed with safety factor of 2.0

<sup>\*</sup>Colors of products shown in pictures may differ from the actual products due to printing system.



# SHERA Floor Plank Clip-Lock Series



Smooth & Beauty with no screw head



Fast and Easy to Install by Clip-Lock system



Weather Resistance





\*Colors of products shown in pictures may differ from the actual products due to printing system.

#### **Product Information**





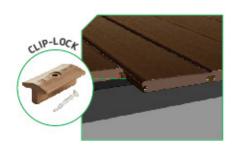








Profile		Color	Texture	Size (cm.) (Thickness*Width*Length)	(kg./pc.)	(pc/sq.m.)
		Modern Grey				
V-Cut Edge	Wenge Brown Tropical Oak	Straight Grain	2.5 x 15 x 300	16.93	2.22	
		Beech		2.5 x 20 x 300	22.81	1.67
				1- 1-1-1		

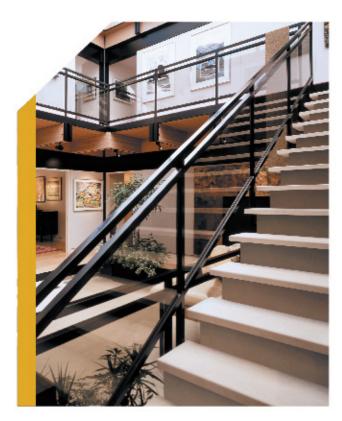


## SHERA Clip-lock

#### **Product Information**

Product	Weight (kg./box)	Quantity (pcs/box)
SHERA Clip-Lock Installation set	0.2	36







\*Colors of products shown in pictures may differ from the actual products due to printing system.

## SHERA Stair

Get your home safe for every step with SHERA Stair that will provide you the beauty of real wood texture and, for the first time ever, the highest thickness option that goes up to 3.5 cm., only possible with SHERA innovation. That's why SHERA Stair is so great at supporting heavy loads. Besides its toughness and wood-like beauty, SHERA Stair also comes with the ease of installation to make the most out of its strength, the ability to be applied to metal frame or concrete frame, and extensive options to suit the design of your choice.



35 mm.

## SHERA Stair Color Through Anti Slip

Be safe everywhere with our special anti-slip coating that enhances slip-resistant performance on the wood surface. This helps reduce the risk of slipping and falling off the stairs even when your feet are wet, so you can stay confident and worry free.

## **Product Information**



Cassia





Uncolored Smooth Texture Stair Riser

Straight Grain Texture Stair Tread Curve











Tropical Oak Straight Grain

Wenge Brown Straight Grain

	Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)
				2.5 x 25 x 120	11.82
				2.5 x 30 x 120	14.19
Stair Tread	Curved edge	Cassia		3.5 x 25 x 120	16.56
				3.5 x 27 x 120	17.89
				3.5 x 30 x 120	19.88
V-cut edge Stair Tread Curved edge	V-cut edge	20000000000	Uncolored	2.5 x 25 x 120	11.82
	Straight Grain		3.5 x 27 x 120	17.89	
				3.5 x 30 x 120	19.88
Challa Diana	Square-cut edge	Smooth		1.6 x 15 x 120	4.48
Stair Riser		Sillour		1.6 x 20 x 120	5.97
Anti Slip	Curved edge		Tropical Oak	2.5 x 25 x 120	11.82
Stair Tread		Straight Grain	Wenge Brown	2.5 x 25 x 120	11.82
Anti Slip	Square-cut edge		Tropical Oak	1.6 x 20 x 120	5.97
Stair Riser		Straight Grain	Wenge Brown	1.6 x 20 x 120	5.97

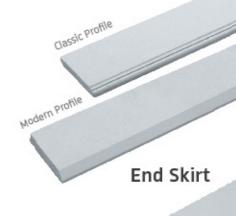


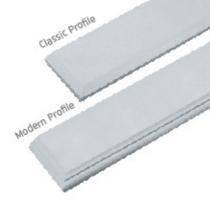
## **SHERA** Skirt

Cover joints between the wall and the floor with SHERA Skirt and enhance the feelings of nature in your home with texture and color of real wood. SHERA Skirt comes with great properties ensuring durability, termite free, no rotting and no swelling from excess moisture. Using SHERA Skirt as a baseboard will not only help prevent stains on the wall while cleaning, but also give a neat and beautiful finish to your design.



#### Skirt





#### **Product Information**



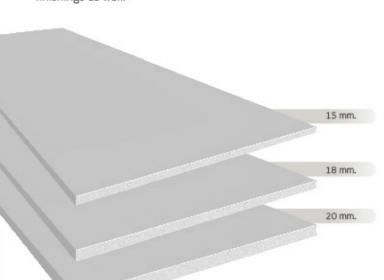
	Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)
en-	Classic 🖷			4.240200	5.00
Skirt	Modern	Smooth	Uncolored	1.2 x 10 x 300	5.33
End Skirt	Classic 🖷			1.2 x 10 x 100	1.03
End Skirt	Modern ==			1.2 x 10 x 100	1.83



Installing skirts along stair steps not only creates a beautiful finish along the edge but also gives visual cues on a flight of stairs, keeping everyone in your home safe.

## **SHERA** Floor Board

It's time to take fiber cement flooring innovation to the next level with SHERA Floor Board. By being of better quality than any other wood-chip cement boards or typical plywood, SHERA Floor board can ensure durability in any weather conditions, resistance to water-fire-termites as well as the ability to support heavier weight, thus it can be a perfect flooring material throughout the building. Save your time and money by choosing floorboard that's designed for a quick installation. Plus you can conveniently apply SHERA Floor Board as a substrate for various finishings as well.





#### **Product Information**

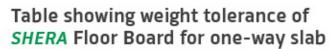
SHERA Floor Board	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	Quantity (pc./sq.m.)	Application Area
	0.8 x 122 x 244	37.26		
Square Cut Edge For underlayment	1.0 x 122 x 244	46.58	0.34	indoor underlayment
	1.2 x 122 x 244	55.89		
Square Cut Edge	1.5 x 122 x 244	69.32		
For elevated floor	1.8 x 122 x 244	83.19	0.34	indoor and outdoor elevated floor
	2 0 x 122 x 244	92.43		outdoor elevated floor

\*Available in metric size.









Uniform distribution load

kg./sq.m. Joint spacing for one-way slab calculated with a factor of safety of 2.5

SHERA Board's thickness	30 cm.	40 cm.	50 cm.	60 cm.
15 mm.	1,300	700	400	-
18 mm.	1,900	1,000	600	400
20 mm.	2,300	1,300	800	500

## Table showing weight tolerance of SHERA Floor Board for two-way slab

Uniform distribution load

kg./sq.m. Joint spacing for two-way slab calculated with a factor of safety of 2.5

SHERA board's thickness	30x30 cm.	30x40 cm.	30x60 cm.	40x40 cm.	40x60 cm.	60x60 cm
15 mm.	1,600	1,200	900	900	600	400
18 mm.	2,400	1,700	1,300	1,300	900	600
20 mm.	3,000	2,200	1,600	1,600	1,100	700

Remarks: 1.) Maximum point load for foot print of 30 cm x 30 cm is 150 kg for SHERA raised flooring system. Support spacing should be controlled within 610 mm maximum.

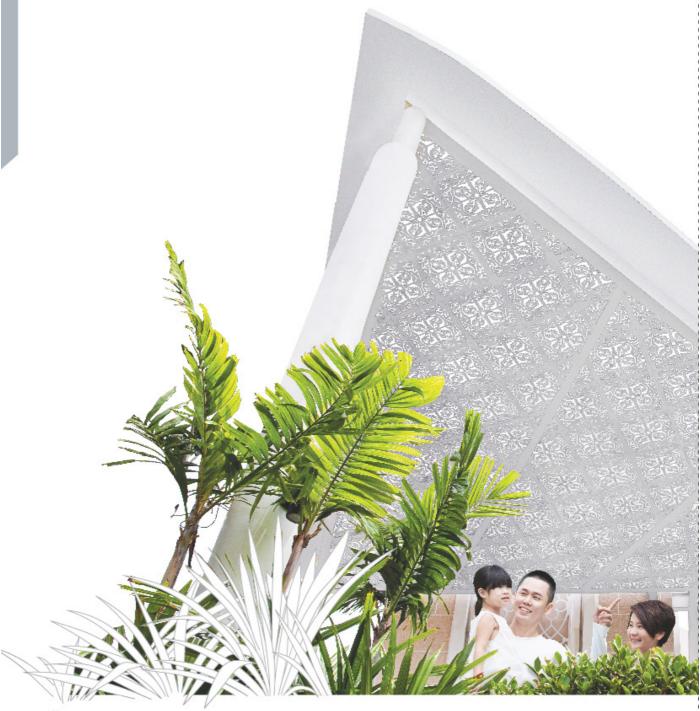




For one-way support, SHERA floor board shall be arranged its length direction perpendicular to frame direction.

<sup>3.)</sup> Do not install while SHERA Floor Board is wet.

# **Decorative Application**



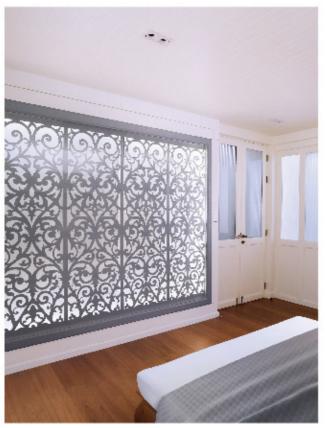


A variety of fiber-cement products are provided to create a better living experience. Creative innovations eliminate the limitations of natural wood for internal and external decoration.

SHERA Vent Board SHERA Baluster SHERA Fence SHERA Décor Wood







## **SHERA** Vent Board

Various perforated boards are suitable for decoration as partitions, wall opening, and ventilation opening, creating impressive design to any part of the house.

### **Product Information**



Uncolored Smooth Texture

Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)
Nepal Trumpet	Smooth	Uncolored	1.0 x 60 x 200	11.71
Blossom			0.8 x 60 x 120	7.30
Paragon			1.0 x 30 x 152	3.83
Liana			1.0 x 49 x 104	5.33
Heart (Small)			0.8 x 45 x 90	3.73
Heart (Big)			0.8 x 70 x 90	6.08
Louise			0.8 x 60 x 60	2.84
Fountain Plant			1.0 x 60 x 60	4.15

Size (cm.)

Weight

#### Nepal Trumpet







Liana



#### Louise



Fountain Plant



Heart (Big-Small)



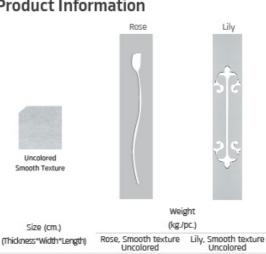


## **SHERA** Baluster

Perforated wood for handrail and terrace edge decoration. Not erosive due to climate despite external installation.

#### **Product Information**

1.2 x 15 x 80



2.10



SHERA The leader of perforated pattern on fiber-cement materials





## **SHERA** Shine Light Fence

The latest products from SHERA with innovative shining colors like natural wood. It is uniquely strong and weather resistant, dust free and less maintenance needed.

### **Product Information**









Uncolored Coral White Honey Teak Smooth Texture Smooth Texture Smooth Texture



Straight Grain

Texture





Oak Shine Light Straight Grain Texture

Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	(kg./pc.)
Modern	Smooth	Uncolored	1.2x 10 x 300	5.33
	Smooth	Coral White / Honey Teak	1.6 x 10 x 150	3.74
Classic	Smooth	Coral White	1.6 x 10 x 150	3.71
	Sillouti	Honey Teak	1.6 x 10 x 100	2.46
		Redberry Shine Light	1.6 x 10 x 100	2.46
Classic	Straight Grain	Red Oak Shine Light	1.6 x 10 x 100	2.46
		Oak Shine Light	1.6 x 10 x 100	2.46
Modern	Straight Grain	Oak Shine Light	1.2x 10 x 300	5.34
	an aight Grain	Red Oak Shine Light	1.2x 10 x 300	5.34



Thicker, stronger, more durable



Pre painted, beautiful in all respects (2-layered coating, painted on all sides)



Fast, ready to install



# **SHERA** Décor Wood

Generating a variety of modern building decoration. It can be used as blinds to fulfill all needs and gives the natural wood feeling.



A wide range of sizes to meet all preferences. SHERA provides the most choices of décor wood the suits your taste.







## **Product Information**



Uncolored



Uncolored

Cassia Texture Smooth Texture



- 1	
- 1	
1	Control of the last
	Uncolored
1	Straight Grain
	_
	Texture

Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	Quantity (pc./sq.m.)
		1.6 x 7.5 x 300	5.60	4.44
Cassia	Uncolored	2.5 x 5.0 x 300	5.92	6.72
		2.5 x 10 x 300	11.83	3.33
Smooth	Uncolored	1.6 x 5.0 x 300	3.74	6.67
Smooth	Unicolored	1.6 x 7.5 x 300	5.60	4.44
Straight Grain	Uncolored	2.5 x 5.0 x 300	5.92	6.67

# **Roof Application**





With the unique properties beyond the natural wood in terms of weather resistance, low stretching and shrinkage, and no bending as well as a variety of colors, sizes and profiles, Sera's roofing application products can meet various requirements, especially for external works with outstanding contemporary and modern designs.



# **SHERA** Zedar Shake



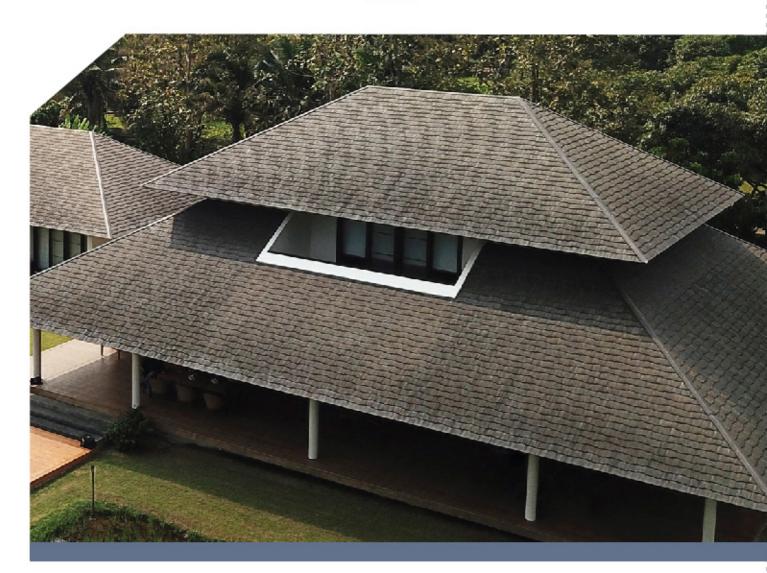
The Beauty of **Nature** 

Add a touch of natural beauty to your roof design with SHERA Zedar Shake, an innovative roof material that holds the natural look and beautiful texture of real wood. SHERA Zedar Shake possesses the finest quality, well-known durability guaranteed by high quality manufacturing processes, termite resistant property and Inter-Locking system, water leakage prevention system certified by ASTM C1530-04 Standard. You can rest assured that sub roof is not needed, installation time and cost will be lower, and maintenance is minimal.

Bring a little charm to your wood-like roof with our 'Color Through' technology, the method we use to pigment color thoroughly and evenly into the product. There're 3 shades of dark colors to be chosen from: Yellow Zante, Brown Chestnut and Black Wenge along with 3 tile widths to fit your design. Therefore it's easy for any designer and owner to craft their masterpiece home or building projects which are truly a feast for the eyes.



Site Reference









#### Yellow Zante 481

This is one of the bark themed colors that comes in a light yellowish shade, giving a sense of gentle and warm touch of nature like a color of pine trees in the summer or the warm light of the sun. And with the bark texture combined, this is a perfect way to fill your home with warmth and relaxation every day.



#### Brown Chestnut 482

Calm and comfort blend perfectly in this natural shade from our bark themed colors, designed by drawing out the beauty of pine trees in the rainy season. Pine trees turn into darker shade due to humidity in rain forest. This color will make your time at home feel even more peaceful, relaxing, and appealing.



## Black Wenge 483

This dark shade of bark color comes with hidden charm and strength just like pine trees during winter. With the presence of white snow, the dark color creates contrast on the roof. And this sense of elegance and solemn is what makes your roof more attractive and stand out.



### Metro Grey 484

This grey color represents coolness and luxury of metropolis. Inspired by worn out cedar roof, stain and uneven color is enhanced with grey color gradient to create the perfect harmony between nature and civilized society.



#### Product Information

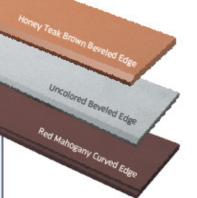
SHERA Zedar Shake Roof Quantity Per 1 Box (Usage quantity: 0.8 sq.m./box)

Width	Length	Thickness	Weight/pc.	Quantity per box
10 cm.	35 cm.	12 mm.	0.75 kg.	5 pcs
15 cm.	35 cm.	12 mm.	1.19 kg.	10 pcs
20 cm.	35 cm.	12 mm.	1.47 kg.	10 pcs



20x35 cm. 15x35 cm. 10x35 cm.





# **SHERA** Eaves

Complete your home design with SHERA Eaves, a roof finishing product that adds a beauty touch to your home along with strength in everyday weather. It also withstands termites, beetles, insects and is not likely to shrink or twist. SHERA Eave is a perfect material for important spots that are difficult to maintain. With modern Beveled Edge and classic Curved Edge, you can choose the best feature for your home design.



Take your home's eave design to the next level with this curved edge profile that will externalize your individuality through luxury.

## **SHERA** Eaves Pro

Take a roof eave to the next level with **SHERA** Eaves Pro which is made from innovative materials for the fastest and most convenient construction.

From a well-designed feature with beautiful grooving to a lightweight property and pre-painted finish out of factory, **SHERA** Eaves Pro is complete in itself and ready for a quick install. Once installed, **SHERA** Eaves Pro will help create a cozy atmosphere to your home for a long time due to its durability and resistance to heat, humidity, swelling and bending.



#### Product Information



Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)	
		Uncolored	1.6 x 15 x 300	11.03	
Beveled Edge	Smooth	Coral White	1.6 x 20 x 300	14.77	
	Smooth	Honey Teak Brown	1.6 x 15 x 400	14.71	
		Red Mahogany	1.6 x 20 x 400	19.69	
		Uncolored	1.6 x 15 x 300	10.99	
Curved Edge	Smooth	Coral White	1.6 x 20 x 300	14.73	
	Smooth	Sillootii	Honey Teak Brown	1.6 x 15 x 400	14.65
		Red Mahogany	1.6 x 20 x 400	19.64	
		Coral White	1.6 x 24 x 300	17.05	
Pro	Smooth	Honey Teak Brown	1.6 x 24 x 400	22.73	
	Smooth	Merbau Brown	1.6 x 24 x 300	17.05	
		Red Mahogany	1.6 x 24 x 400	22.73	
Senepa*	Smooth	Uncolored	1.2 x 25 x 244	10.31	
		uncolored	1.2 x 30 x 244	13.90	

\*Available in Philippines only



## **SHERA** Eaves One Plus

This is the kind of eaves designed for roof decoration aiming for a "beautiful, durable and quick" finish. Cover joints between two materials and hide the untidy cut ends of roofs rafters and sheathing with eaves that are ready to use and complete in one step.

SHERA Eaves One Plus is beautifully designed to mimic the appearance of 2 overlapping planks, creating dimensions for each piece.

The texture is tough and non-brittle. Thickness options include 16 mm. and 22 mm. with the length options between 3 and 4 meters.



SHERA Eaves One Plus can reduce installation process from two steps down to one (compared to normal eaves installation)



#### with Computer Numerical Control (CNC) makes cutting process precise and ensures all planks meet exact specifications.

## **Product Information**





Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)
			1.6 x 23.5 x 300	15.29
		Uncolored	1.6 x 23.5 x 400	20.39
One Plus	Smooth	oncolored	2.2 x 23.5 x 300	21.33
-	Sillouti		2.2 x 23.5 x 400	28.45
		Red Mahogany	2.2 x 23.5 x 300	21.33
		Neu Mallugally	2.2 x 23.5 x 400	28.45

# **SHERA** Eaves Drop

Represent Thai beauty with SHERA Eaves Drop, an ornately carved wood panel that combines the feature of eave and gable with elegant style. Crafted from Water Jet technology on a fiber cement, the pattern is delicate and beautiful throughout. And since SHERA Eaves Drop will serve as an outdoor material, it comes with durability under any weather condition as well as resistance to water, sunlight, rain, termite, insects, beetles, twist and shrinkage over a lifetime.





Teak Texture Classic Profile



Teak Texture Puang Thong Profile



Teak Texture Golden Bell Profile

## **Product Information**



Profile	Texture	Color	Size (cm.) (Thickness*Width*Length)	Weight (kg./pc.)
Classic			0.8 x 15 x 30	0.36
Classic		Uncolored	0.8 x 15 x 50	0.70
D	To all		0.8 x 15 x 30	0.42
Puang Thong	Teak		0.8 x 15 x 50	0.64
C-14 D-11			0.8 x 15 x 30	0.41
Golden Bell			0.8 x 15 x 50	0.75



# **SHERA** Eaves Lace

Make your home an impressive place for family members and visitors with SHERA Eaves Lace, a stunning fretwork panel for decorating along the eaves. It's made from highly durable material ideal for outdoor application integrated with long-lasting resistant properties to water, sunlight, rain, termites, beetles, insects, twist and shrinkage. SHERA Eaves Lace comes with several shades and beautiful patterns to choose from in accordance with your designs. Let these materials and designs define your home identity in a stylish manner.



Teak Texture Lotus Profile



Teak Texture Tulip Profile



Teak Texture Alamanda Profile



Smooth Texture Sky Flower Profile



Smooth Texture Heart Profile

#### Product Information







Teak Texture Smooth Texture

Profile	Texture	Color	(Thickness*Width*Length)	(kg./pc.)
Lotus	Teak		0.8 x 20 x 100	1.42
Dokrak			0.8 x 20 x 100	1.76
Tulip		Uncolored	0.8 x 20 x 100	1.56
Alamanda		Uncolored	0.8 x 20 x 100	1.68
Sky Flower	Smooth		0.8 x 20 x 100	1.64
Heart	Smooth		0.8 x 30 x 100	2.83

# **Technical Data**

# **SHERA** Wood

Properties	Standard	Unit	•SHERA Plank •SHERA Strip, Teak Texture	«SHERA Splendlid Plank	*SHERA Skirt  *SHERA Laminate Skirt  *SHERA Fence  *SHERA Baluster	*SHERA Celling Skirt	*SHERA Strip, Smooth Texture *SHERA Strip, Straight Grain Texture	16 mm thick  *SHERA Eaves  *SHERA Stair Tread  *SHERA Décor Wood	•SHERA Filler Unit	25 mm thick  *SHERA Floor Plank  *SHERA Décor	*SHERA Floor Plank 30 mm thick *SHERA Stair Tread	•SHERA Door Frame	
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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	+/- 2.0
2. Density	ASTM C1185	kg./m <sup>3</sup>	1300-1400	1250-1350	1300-1400	1300-1400	1300-1400	1300-1400	1300-1400	1300-1390	1300-1390	1300-139
3. MOR (Avg)	ASTM C1185	MPa	-	≥ 9 (WET)	-	-	-	-	-	-		-
4. MOR (MD)	ASTM C1185	MPa	-	-	≥ 12 (EMC)	≥ 12 (EMC)	-	≥ 12 (EMC)	-	≥ 11 (EMC)	≥ 11 (EMQ)	≥ 11 (EMC)
5. Toughness (MD)	-	J/m²	≥ 12 (EMC)	-	≥ 10 (EMC)	≥ 7 (EMC)	≥ 12 (EMQ)	≥ 10 (EMC)	≥ 9 (EMC)	≥ 12 (EMC)	-	n.a.
6. Water Absorption	ASTM C1185	56	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35
7. Moisture	ASTM C1185	56	s 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15
8. pH value	ISO 10390:2005		7	7	7	7	7	7	7	7	7	7

#### Fire Resistance Properties

| 9. Non-inflammability      | BS476 Part 4   | Pass |
|----------------------------|----------------|------|------|------|------|------|------|------|------|------|------|
| 10. Inflammability         | BS476 Part 5   | Pass |
| 11. Fire Propagation Index | : BS476 Part 6 | Pass |
| 12. Surface Spread of Flam | e BS476 Part 7 | Pass |

#### **Durability Properties**

| 13. Freeze / Thaw Resistance | ASTM C1185  | Pass |
|------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|
| 14. Warm Water Resistance    | ASTM C1185  | Pass |
| 15. Heat / Rain Resistance   | ASTM C1185  | Pass |
| 16. Soak / Dry Resistance    | BS EN 12467 | Pass |































# Installation Guides

#### SHERA Wood

#### SHERA Floor Plank Installation on timber/steel frame structure with screw



Fix SHERA floor plank that has been finished on all six sides with a primer to steel structure using SHERA Screw Fix-W45 (Use SHERA Screw Fix-T1 3/4" for timber structure). Fasten both sides of SHERA floor plank, or on the middle for the 6"/8" wide plank, to the joist by using screw along the length of the plank.

# Sub-beam spacing < 2.0 m. Screw position: at least 2 cm. from planks end Screw position: at least 2 cm. from planks end Screw position: at least 2.2 m. from planks edge SHERA Screw Filter Filter

Screw positions should be at least 1.2 cm from SHERA floor plank's edge, and at least 2 cm from SHERA floor plank's end.

- Remark: Fasten the screws so that screw heads are flush evenly with SHERA floor plank's surface.
  - Wherever on-site cutting applied to the product, the cut surface must be
    painted with equivalent water based coating system prior installation in order
    to prevent water/moisture absorbed into product. Ensure proper covering of
    the coating over the product for best performance

#### Installation SHERA Eaves



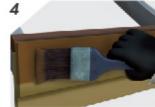
Install an 8" wide plank to the roof frame.



Install a 6" wide plank by overlapping with the 8" wide installed previously.



Apply primer.



Apply paint color.

#### Installation SHERA Eaves One Plus

"Complete the installation in one quick step by fixing two screws at each point at the end of rafter"



## Tips on how to paint SHERA Wood

Instr	ructions	Cement Color	Primer Color	Uncolored		100	
1. P	repare and clean the wood surface.	N.	W.	-	SHERA	1	hand
	apply SHERA Primer for old fiber cement on all 6 sides 1 time.	W.	-	-			
	apply SHERA Paint for fiber cement in transparen or monotone color 2 times.	it 🎻	W.	-	SHERA T	5/	
g	pply SHERA Top Guard to achieve a matte or dossy finish (suitable for floor plank or floor hat require a high protection) 1-2 times.	S.	W.	S.	2.6	3	hours 4

#### SHERA Tools and Equipment



#### SHERA Corner Piece, Smooth Texture

For internal and external wall cornering Size (cm): 0.6 x 8 x 305



#### SHERA Sealant PU 25

For jointing gaps SHERA Product Packing 310/600 ml



For using with SHERA Sealant PU 25 For both 310 ml and 600 ml



#### SHERA Screw FIX-W

Screws for installing SHERA wood to wood sub flame. Screw heads are embedded firmly into the wood to create neater finish than conventional screws.

#### Quality Class: 2

Length (inch): 1 ½ and 1 ¾ Diameter: No. 8

#### Packing

FIX-W32G8 = 500 pcs/box FIX-W45G8 = 250 pcs/box



#### **SHERA Plug**

Perfect your floor without having to touch up screw heads with this new approach.

Packing: 250 pcs/box

#### SHERA Plug Consumption

Frame Spacing	SHERA Floor Plank Color Through	Area Coverage( m² /box )
30 cm	2.5x15x300 cm.	10
30 cm	2.5x20x300 cm.	6.5
40 cm	2.5x15x300 cm.	8
40 (111	2.5x20x300 cm.	12.5



#### SHERA Acrylic Paint

Available for all colors for painting screw heads and wood cutting Packing 0.525 liter Application quantity 10 sq.m./liter



#### SHERA Screw FIX-T

Screws for installing SHERA wood to wood sub flame. Screw heads are embedded firmly into the wood to create neater finish than conventional screws.

#### Quality Class: 2

Length (inch): 1 ½ and 1 ¾

Diameter: No. 8

#### Packing

FIX-T 1¼ = 500 pcs/box FIX-T 1¾ = 250 pcs/box

Characteristics of frames	SHERA Plank / SHERA Splendid Plank	SHERA Eaves	SHERA Eaves	SHERA Floor Plank
	SHERA Skirt and SHERA Strip	(lower unit)	(upper unit)	and SHERA Décor Wood
Installation on steel frame	SHERA screws	SHERA screws	SHERA screws	SHERA screws
	FIX-W32GB	FIX-W32GB	FIX-W45GB	FIX-W45G8
Installation on wood frame	SHERA SCIEWS	SHERA screws	SHERA screws	SHERA screws
	FIX-T 1½"	FIX-T 1½"	FIX-T 1½"	FIX-T 1%"

#### **SHERA Wood Storage**









- Do not stack SHERA Wood Product more than 100 cm high and a piece of wood should be put under SHERA wood product each 50 cm height along the width of SHERA Wood Product.
- SHERA Wood Product should be stacked in a dry, flat place and covered with canvas or plastic to ensure equilibrium moisture content prior to installation.
   Do not install SHERA Wood Product in wet condition as it may cause cracks due to stretching or shrinkage at the gaps screw or nail holes.

# **Technical Data**

## **SHERA** Board

Physical Properties	Standard	Unit	Test Result
Thickness Tolerance	ASTM C1185	%	± 6%
Density	ASTM C1185	Kg/cm3	1350 ± 50
Modulus of Rupture	ASTM C1185	Mega Pascal	> 7 MPa (Wet)
Modulus of Elasticity	-	Mega Pascal	> 3000 MPa (Wet)
Water Absorption	ASTM C1185	%	< 35%
Moisture Content	ASTM C1185	%	< 15%
PH Value	-	-	7-8
Thermal Conductivity	ASTM C177	Watt/m Kelvin Degree	0.15 W/m.K
Acoustic Insulation	ASTM E90-97	Decibel	STC = 30 dB (6 mm single board) STC = 50 - 60 dB (10 mm composite wall)
Moisture Movement	ASTM C1185	%	+ 0.04%
Length change due to water absorption	JIS A5414	%	< 0.10 %
Water Tightness	ASTM C1185		Pass
Fire Resistance Properties			
Ignitibility	BS476 Part 5	-	Pass
Fire Propagation Index	BS476 Part 6	-	I = 0.4
Surface Spread of Flame	BS476 Part 7		Class 1
Fire resistance of partitions	BS476 Part 22	minute	30-180
Smoke Index	ASTM E84-00a	-	0
Single Burning Item	EN 13823: 2002	-	Pass
Fire Classification	EN 13501-1:2002	-	A2-s1,d0
Building Combustibility	CNS 6532		non-combustibility
Durability Properties			
Freeze/Thaw resistance	100101100		Pass
Warm water resistance	ASTM C1185	-	Pass
Heat/Rain resistance	and BS EN 12467:2000	-	Pass
Soak/Dry resistance	BS EN 12467:2000	-	Pass

<sup>\*</sup>Remark: SHERA BOARD has passed the test by Australia/New Zealand Standard (AS/NZ 2908:2:2000) and EU Standard (BS EN 12467: 2000) by PSB Corporation Singapore and TIS 1427-2540 certifying fiber-cement tiles in Thailand.

Bend radius (R) Bend radius (R) 1 m. 1.5 m.

#### **Bend Radius**

SHERA Board is tough and highly flexible, bendable without applying water.







Bend radius (R) 2 m.



Bend radius (R) 4 m.



Bend radius (R) 5 m. Horizontal bend radius of the board of each thickness

#### Selection for Application

Types of Application	Thickness (mm)								
	3.5	4	6	8	10	12	15	18	20
Interior ceiling	•	•							
Eaves/Celling/Arch									
Bending Wall/Interior Partition			•	•					
Subroof/Sunshade									
General exterior wall/Wet area				•	•	•			
High-rise building wall/Exterior building board									
Underlayment				•	•	•			
Raised Floor									
Weight (kg/ sq.m.)	5.36	6.12	9.32	12.42	15.52	18.63	22.42	26.91	29.90

#### Movement and Piling





Pile the boards up at shady and on the flat and dry ground. The boards should be supported by 5 pieces of wood of 1.5"x3" wide as indicated in the schedule. Do not install and paint the board in wet condition.

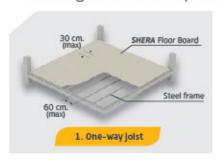
Thickness (mm.)	Piling not exceeding (pcs)
4	300
6	225
8	150
10	120
12	105
15	90
18	75
20	60

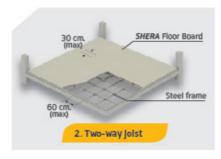
# Installation Guides

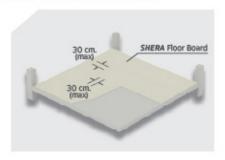
#### SHERA Board

#### Floor Installation

Finishing Materials: carpet, ceramic tile, rubber tile, engineered wood and laminate







#### Elevated floor installation

#### SHERA Board Product

Square-cut edge, 15-20 mm. thick

#### Type of frame

Structural steel frame:

with a minimum thickness of 2.3 mm. Hardwood frame:

with a minimum dimensions of 1 1/2 x 3 inches

#### Joint Spacing

One-way joist at every 60 cm. Two-way joist at 60 x 60 cm.

#### Joint Spacing

One-way joist at every 60 cm. Two-way joist at 60 x 60 cm.

#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

#### Painting

Apply epoxy for indoor application. Apply polyurethane for indoor and outdoor application.

#### Sub-floor board installation on existing concrete floor

#### SHERA Board Product

Square-cut edge, 8-12 mm. thick

#### Board fixing tools

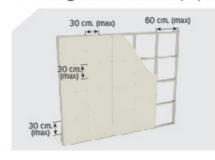
Use cement adhesive or polyurethane adhesive with hammer and 1-1.5" concrete nails.

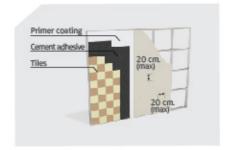
#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

#### Wall installation

#### Finishing Materials: wallpaper, tile, laminate







#### General wall application

#### SHERA Board Product

Square-cut edge, 6-12 mm. thick for v-groove wall Recessed edge, 6-12 mm. thick\*

for smooth finished wall

#### Type of frame

U75 and C75 galvanized frame with a minimum thickness of 0.55 mm.

#### Joint spacing

60 x 60 cm. or 60 x 120 cm.

#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

\* Recessed edge profile 10-12 mm. thick

#### Tile wall installation

#### SHERA Board Product

Square-cut edge, 10-12 mm. thick

#### Type of frame

U75 and C75 galvanized frame with a minimum thickness of 0.55 mm.

#### Joint spacing

60 x 60 cm.

#### Fixing distance

At every 20 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

#### Ceramic tile fixing tool

Cement adhesive

#### Brick wall installation alternative to plaster

#### SHERA Board Product

Square-cut edge, 6-12 mm. thick Recessed edge, 6-8 mm, thick for interior smooth finished wall

C-Line galvanized frame no. 24, 0.55 mm. thick

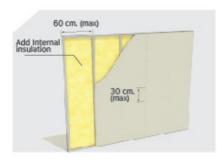
#### Joint spacing

at every 60 cm. with vertical joint attached to bracket such as BPB ML75

#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

#### **Ceiling** installation



# Sound or thermal insulated wall installation

#### SHERA Board Product

Square-cut edge, 6-12 mm. thick

#### Type of frame

U75 and C75 galvanized frame with a minimum thickness of 0.55 mm.

#### Joint spacing

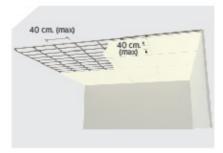
60 X 240 TU.

#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner

#### Mid-layer material

Sound or thermal insulation



#### Steel frame installation

#### SHERA Board Product

Square-cut edge, 3.2-6 mm. thick for v-groove ceiling Recessed edge, 6 mm. thick

Recessed edge, 6 mm. thick for smooth finished ceiling

#### Type of frame

C-Line galvanized frame no. 24

#### Joint spacing

Main section at every 90 cm. Cross section at every 40 cm.

#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner



#### Timber frame installation

#### SHERA Board Product

Square-cut edge, 3.2-6 mm. thick for v-groove ceiling Recessed edge, 6 mm. thick for smooth finished ceiling

#### Type of frame

Hardwood frame with dimensions of 1 1/2 x 3 inches

#### Joint spacing

60 cm. x 60 cm.

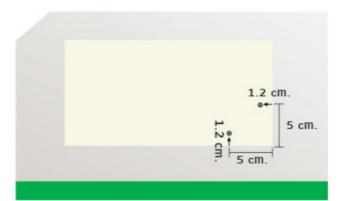
#### Fixing distance

At every 30 cm. with 1.2 cm. distance from the board's edge and 5 cm. from the corner



### Tip on fixing the corners of SHERA Floor, Wall, Ceiling Board

Fix the screw at 1.2 cm. edge distance, with 5 cm. distance from the board's corner



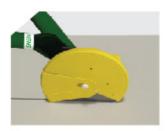
#### Tools and Equipment



Fiber cement cutter



Electric screw driver



Electric saw



Cutter



SHERA cement jointing compound

SHERA Cement Jointing Compound For exterior and interior work; used for plastering joints of SHERA Wall Board, Recessed edge, together with SHERA fiberglass mesh tape.



SHERA fiberglass mesh tape

SHERA Fiberglass Mesh Tape Used for taping the joints of SHERA Wall Board, Inclined edge



SHERA Concrete Bonding Agent

SHERA Flexible Jointing Compound Smooth ceiling plastering work requiring high flexibility together with fiberglass mesh tape



SHERA sealant PU25 For sealing joints of interior and exterior works

SHERA barrel gun Used with Sealant Size 310 and 600 ml.



SHERA screw fix - b

SHERA Screw FIX - b For steel structure 0.55-1.2 mm thick



SHERA screw fix - w

SHERA Screw FIX - w For steel structure 1-3.2 mm thick



SHERA screw fix - t

SHERA Screw FIX - t For wooden structure

Schedule of Recommended Fixing of SHERA BOARD with SHERA Screws

#### Structure Type

#### SHERA Screws to be used with SHERA BOARD having several thickness (mm)

SHERA BOARD Thickness	3.2-6 mm.	6-8 mm.	10-12 mm.	15-20 mm.
Galvanized steel structure 0.55-1.0 mm thick	FIX-B20	FIX-W20	FIX-W25	Not recommended
Structural steel 1.0-3.2 mm thick	Not recommended	FIX-W25	FIX-W32	FIX-W45
Wooden structure	FIX-T11/4"	FIX-T11/4"	FIX-T11/4"	FIX-T11/4"

## SHERA Zedar Shake installation

#### Product Standards

Ultimate Strength (Bending Stress)	Minimum 1,700 N/m.
Impact Strength (Crack)	2,500 N/m., prior to water submission testing
Water proof property	No water droplets appears under the roof tile surface as specified by ASTM C1492-03
Frost Resistance (Specific Material)	Pass the test (Grade 2 = 100 rounds)
Durability	Passed 50 cycles of HRT with no visible cracks

#### Installation Techniques

	Straight Sheet Installation	Overlapped Sheet Installation
Length of Purlin	20 cm.	20 cm.
Overlap	15 cm.	13-17 cm.

\* Notes: The tests for leakage of water and impact strength were conducted according to the industrial standards for Fiber Cement Roof product category. The roof tiles went under 24 hours of water submission to test for leakage of water. Prior to that, impact strength tests were conducted to compare the impact strength before and after 24 hours of water submission. Afterwards, the tiles underwent another impact strength test to determine the strength of fiber cement tiles.

To ensure the beauty and maximum efficiency of the roof, please use our installation service.

#### Inter-Lock System Installation Techniques

Beyond its beauty and natural perfection, SHERA Zedar Shake comes with a development on Inter-Lock system that provides great benefits to home building. With ASTM C1530-04 certified, roofing underlay is no longer necessary to prevent water leakage. SHERA Zedar Shake is also cost efficient and encourages creativity in tile arrangements, so you can take your roof design as far as imagination takes you.

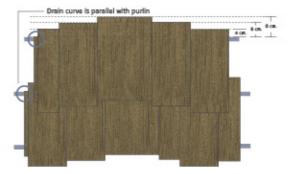




#### 1. Straight Sheet

Lay SHERA Zedar Shake next to each other with no spacing, making sure that the drain curve is parallel with the purlin or the tile's head is 4 cm. beyond the purlin as shown in the picture. Alternate the sizes of the tile appropriately to get a straight, uniform pattern at the roof edge.

# 1 Length of Parlin - 1 Length



#### 2. Overlapped Sheet

Tile sheet can be laid at 3 different levels with 2 cm. variation

- Low level: the drain curve is parallel with the purlin or the tile's head is 4 cm. beyond the purlin.
- Middle level: the tile's head is 6 cm. beyond the purlin.
- High level: the tile's head is 8 cm. beyond the purlin, as shown in the picture.

#### Cautions

- 1. Tiles must be laid out in rows with shifting alignment at least 4 cm. from the previous row.
- 2. It's recommended that a box of roof tile is open and used up one at a time to reduce leftovers.
- 3. If roof pitch is below 25 degree, has a multi-level design or rafter length is over 10 meter, please contact the manufacturer for recommendations.

# **Appendix / Ceiling Application**

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
				0.8 x 5.0 x 300	Classic	1.80	
Skirt				0.8 x 7.5 x 300		2.70	
SKILL		Smooth	Uncolored	0.8 x 5.0 x 300	Modern	1.80	
	1			0.8 x 7.5 x 300		2.70	1
			Uncolored	0.8 x 5.0 x 300		1.80	6.67
		Teak	Uncolored	0.8 x 7.5 x 300	Square-cut edge	2.70	4.45
		Teak	Red Cherry	0.8 x 7.5 x 300	- Square-cut euge	2.70	4.45
	And the state of t			0.8 x 7.5 x 300		2.70	4.45
			Uncolored	0.8 x 10 x 300	Square-cut edge	3.60	3.34
			Red Mahogany	0.8 x 7.5 x 300		2.70	4.45
Strip	and the same of th	Smooth	Uncolored -	0.8 x 7.5 x 300	V-cut edge	2.70	4.45
				0.8 x 10 x 300		3.60	3.34
			Red Mahogany	0.8 x 7.5 x 300		2.65	4.45
			Uncolored -	0.8 x 7.5 x 300	V-cut edge	2.65	4.44
		3		0.8 x 10 x 300		3.55	3.33
			Modern Grey	0.8 x 7.5 x 300		2.65	4.44
		Straight Grain	Beech	0.8 x 7.5 x 300		2.65	4.44
			Uncolored	0.8 x 5.0 x 300	Square-cut edge	1.80	6.67
Shine Eight Shineless Beauty	The same of the sa		Shine Light Oak	0.047.5200	V-cut edge	3.55	4.15
Shineless Bear	No.		Shine Light Red Oak	0.8 x 7.5 x 300		2.65	4.45

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
				0.35 x 122 x 122		8.14	0.67
CUEDA				0.35 x 122 x 244	1 1	16.28	0.34
SHERA Ceiling Board		Smooth		0.40 x 122 x 122	Square cut edge	9.30	0.67
(6)			Uncolored	0.40 x 122 x 244		18.61	0.34
			o i i colored	0.45 x 122 x 244	] [	20.90	0.34
				0.60 x 122 x 244	] [	27.91	0.34
3	(11)			0.32 x 60 x 120	Classic	3.52	1.39
		Smooth		0.40 x 60 x 120	Classic	4.41	1.39
5				0.32 x 60 x 120		3.52	1.39
SHERA	/	Smooth		0.32 x 61 x 122	Modern	3.72	1.34
Vent Ceiling			Uncolored	0.40 x 60 x 120		4.41	1.39
Board		Grooving Teak 3"		0.40 x 60 x 120	Embossed Teak	4.01	1.39
		Grooving Smooth 3°		0.40 x 60 x 120	3" Embossed Smooth	4.25	1.39
		Rocco		0.35 x 120 x 240	-	15.77	0.35
				0.35 x 122 x 244	-	16.28	0.34
				0.35 x 120 x 240		15.77	0.35
				0.35 x 122 x 244	-	16.28	0.35
SHERA Deco Ceiling Board		Cassia	Uncolored	0.35 x 120 x 240	-	15.77	0.35
		Teak		0.4 x 122 x 244		18.61	0.34
		Cassiano		0.45 x 122 x 244	-	21.39	0.34

# **Appendix / Wall Application**

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
		Antique Wood	Uncolored	0.8 x 15 x 300	Square cut edge	5.40	2.67
				0.8 x 20 x 300		7.20	2.00
		Cassia	2000 00 00	0.8 x 15 x 300 0.8 x 15 x 400	Square cut edge	7.20	2.67
			Uncolored	0.8 x 20 x 300	Square cut euge	7.20	2.00
		Straight Grain		0.8 x 20 x 400		9.60	1.50
			Uncolored				
			Modern Grey				
			Light Yellow	0.8 x 15 x 300		5.40	2.67
			Light Blue				
Plank			Walnut				
			Merbau Brown	0.8 x 15 x 400		7.20	2.00
		Teak	Honey Teak Brown				
			Golden Sand Teak		Square cut edge		
			Golden Teak	0.8 x 20 x 300		7.20	2.00
			Afomosia Brown				
			Red Cherry				
			Red Mahogany	were seen been			
			Shine Light Brown Teak	0.8 x 20 x 400		9.60	1.50
Shine eight			Shine Light Golden Teak				
June	44/		Shine Light Redwood				
					Deline DLOO	8.93	
					Deline DL01	8.77	
Splendid Plank De'line		Smooth	Uncolored	1.0 x 22 x 300	Deline DLO2	8.60	1.64
					Deline DLO5	8.12	
					Deline DX12	8.44	

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
		Cassia		1.0 x 15 x 300	Orchid Tree	6.73	2.67
		Smooth		1.0 x 15 x 300		6.73	2.67
		Cassia		1.0 x 20 x 300		8.97	1.67
		Smooth	Uncolored	1.0 x 15 x 300	Croton	5.65	2.57
Splendid Plank		Cassia		1.0 x 15 x 300	Yellow Frame	5.65	2.57
		Smooth		1.0 x 13 x 300		5.05	2.57
		Cassia		1.0 x 15 x 300	Jacaranda	5.74	2.55
		Smooth		1.0 x 10 x 300 1.0 x 15 x 300	Modern Stagger	3.63 5.88	4.17 2.57
				1.0 x 20 x 300	-	8.13	1.86
		Blossom	Uncolored	0.6 x 120 x 240		27.04	0.35
		Rocco	Uncolored	0.6 x 120 x 240		27.04	0.35
				0.6 x 122 x 244	-	27.91	0.34
		Cassia	Uncolored	0.6 x 120 x 240	_	27.04	0.35
CUEDA				0.6 x 122 x 244		27.91	0.34
SHERA Deco Board		Cassiano	Uncolored	0.6 x 120 x 240	-	27.04	0.35
				0.6 x 122 x 244		27.91	0.34
				0.8 x 120 x 240 0.8 x 122 x 244		36.05 37.26	0.35
		Straight Grain 3"	Uncolored	0.6 x 120 x 240		27.04	0.35
				0.6 x 122 x 244		27.91	0.34
				0.6 x 120 x 240		27.75	0.35
	(25.5)	Brick	Uncolored	0.6 x 122 x 244	- [	27.91	0.34
	A Company			0.8 x 120 x 240		37.05	0.35
	- ///			0.6 x 122 x 244		27.91	
		Smooth	Uncolored	0.8 x 122 x 244	Square-cut edge	37.26	
SHERA			0	1.0 x 122 x 244		46.58	
Wall Board				1.2 x 122 x 244		55.89	
	1	Smooth	Uncolored	0.6 x 122 x 244	Recessed edge	27.66	
				0.8 x 122 x 244		36.99	

# **Appendix / Floor Application**

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
Floor Plank Color Through			Wenge Brown			17.75	2.22
		Straight Grain	Tropical Oak	2.5 x 15 x 300			
			Golden Sand Teak				
		Cassia	Chestnut Brown	2.5 x 20 x 300	V-cut edge	23.67	1.67
Floor Plank Color Through Anti Slip		Straight Grain	Tropical Oak	2.5 x 15 x 300		17.75	2.22
Floor Plank		Straight Grain	Jasmine White	2.5 x 15 x 300 2.5 x 20 x 300		17.75	2.22
		Cassia	Primer			23.67	1.67
Floor Plank Color Through		Straight Grain	Wenge Brown	2.5 x 20 x 300	V-cut edge Double Series	23.61	1.67
Double Series			Tropical Oak	ED A EO A DOO			
Floor Plank Double Series		Straight Grain	Jasmine White Primer	2.5 x 20 x 300		23.61	1.67
		Straight Grain	Modern Grey	2.5 x 15 x 300	V-cut edge	16.93	2.22
Floor Plank Clip-Lock Series			Wenge Brown	2.5 x 15 x 300		16.93	2.22
			Tropical Oak			THE 2500903	
			Beech	2.5 x 20 x 300	Double Series	22.81	1.67

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
Stair Tread		Cassia	Uncolored	2.5 x 25 x 120 2.5 x 30 x 120 3.5 x 25 x 120 3.5 x 27 x 120 3.5 x 30 x 120	Horizontal, Curved edge Horizontal,	11.82 14.19 16.56 17.89 19.88	
		- Straight Grain		3.5 x 27 x 120 3.5 x 30 x 120		17.89 19.88	-
		Smooth		2.5 x 25 x 120 1.6 x 15 x 120 1.6 x 20 x 120	V-cut edge  Vertical,  Square-cut edge	4.48 5.97	-
Stair Tread Anti Slip			Tropical Oak	2.5 x 25 x 120	Horizontal, Curved edge Vertical, Square-cut edge	11.82	
		Straight Grain .	Wenge Brown				
			Tropical Oak	1.6 x 20 x 120		5.97	-
			Wenge Brown				
Skirt		Smooth	Uncolored	1.2 x 10 x 300	Classic	5.33	-
					Modern		-
Skirt Ending		, Smooth	Uncolored	1.2 x 10 x 100	Classic	1.83	-
SHERA Floor Board			Uncolored	1.5 x 122 x 244	Square-cut edge	69.32	
		Smooth		1.8 x 122 x 244		83.19	0.35
				2.0 x 122 x 244		92.43	

# **Appendix / Decorative Application**

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
Décor Wood		Cassia	Uncolored	1.6 x 7.5 x 300	Square-cut edge	5.60	4.44
				2.5 x 5.0 x 300		5.92	6.67
				2.5 x 10 x 300		11.83	3.33
		Smooth	Uncolored	1.6 x 5.0 x 300		3.74	6.67
		-		1.6 x 7.5 x 300		5.60	4.44
		Straight Grain	Uncolored	2.5 x 5.0 x 300		5.92	6.67
			Uncolored	1.2 x 10 x 300		5.33	
Fence			Coral White		Modern	3.74	
		Smooth	Honey Teak	1.6 x 10 x 150		3.74	
			Coral White	1.6 x 10 x 100		2.46	
			Honey Teak	1.6 x 10 x 150		3.71	
			Oak Shine Light		Classic		
Charles Broker			Red Oak Shine Light			2.46	
		Straight Grain	Red Berry Shine Light				
			Oak Shine Light	1.2 x 10 x 300	Modern	5.34	
			Red Oak Shine Light				

# **Appendix / Roof Application**

	Product Groups	Texture	Color	Size (cm.) (thick*width*length)	Model (Edge/Profile)	Weight Kg/pc	Quantity (pc/sq.m.)
Zedar Shake			Yellow Zante	1.2 x 10 x 35	Zedar Shake	0.75	-
			Brown Chestnut	1.2 x 15 x 35		1.19	
			Black Wenge				
			Metro Grey	1.2 x 20 x 35		1.47	(-
			Uncolored	1.6 x 15 x 300	Curved edge	10.99	-
		Smooth	Coral White	1.6 x 20 x 300		14.73	-
		Smooth	Honey Teak Brown	1.6 x 15 x 400		13.56	-
			Red Mahogany	1.6 x 20 x 400		19.64	-
Eaves Pro		Smooth	Uncolored	1.6 x 15 x 300	Beveled edge	11.03	-
			Coral White	1.6 x 20 x 300		14.77	-
			Honey Teak Brown	1.6 x 15 x 400		14.71	-
			Red Mahogany	1.6 x 20 x 400		19.69	-
Eaves One Plus		Smooth -	Coral White	1.6 x 24 x 300	Eaves Pro  Eaves One Plus	17.05	-
			Honey Teak Brown	1.6 x 24 x 400		22.73	-
			Uncolored	1.6 x 23.5 x 300 1.6 x 23.5 x 400 2.2 x 23.5 x 300 2.2 x 23.5 x 400		15.29 20.39 21.33 28.45	-
			Red Mahogany	2.2 x 23.5 x 300 2.2 x 23.5 x 400		21.33 28.45	-
Senepa (Auditable in Philippines only)		Smooth	Uncolored	1.2 x 25 x 244 1.2 x 30 x 244	Senepa	10.31 13.90	



# **NOTES**



# **NOTES**

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