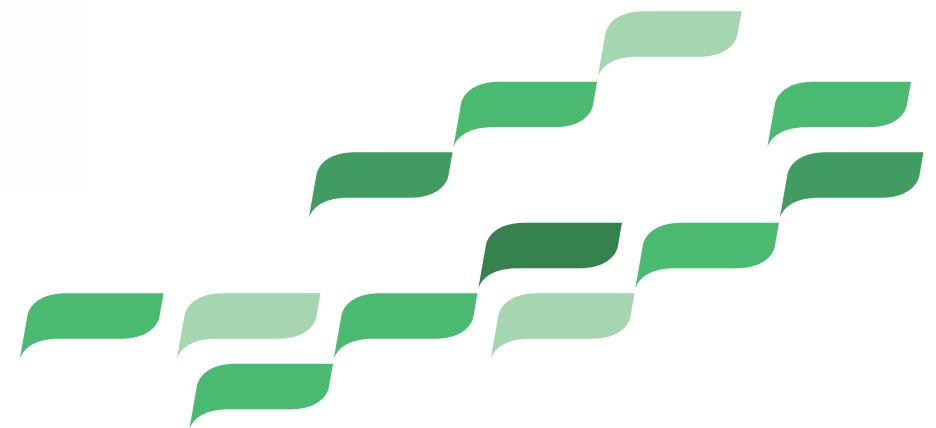


build better, live better

**SHERA™**

Open up to a world  
of possibilities



## Company Profile



We're *SHERA*, a part of the Mahaphant Group of Companies, Thailand – a leading manufacturer of high-quality, eco-friendly building products. We've been consistently delivering superior alternatives to natural wood-building materials across India.

Through our robust dealership network, we provide a range of products that are suitable for all interior and exterior applications. Made from fibre-composites, all our products come with weatherproof, termite & insect proof, and fire-resistant capabilities. In addition to offering high workability, these products are cost-effective and low on maintenance. With this, we help contractors save both time and money on constructions. Our green solutions are widely used by architects, contractors, developers and builders to make living spaces extra special. Moreover, our innovatory offerings are approved, tested and certified by all World Standards, including the Singapore Green Label.

We at *SHERA* develop products that give you the freedom to create what you want, without compromising on quality or creativity. We're not just offering the world cleaner, greener and better ways to build; we're offering a better future.

## Green Philosophy

Our R&D team's dedicated work on the quest of New Green Products from Green Technology for Green Living has resulted into an unprecedented and fabulous range of environmental-friendly products. We, MAHAPHANT Group, are proud to present *SHERA* as a demonstration of human respect for nature.

*SHERA* offers the best substitution to natural wood with a contemporary range of green products suitable for all modern and classical constructions.

*SHERA*'s embedded beauty with added resistance against fire, termite and moisture makes it an apt material for varying applications in flooring, siding, ceiling and roofing.

### Green Products

Eco-loving Products

### Green Living

Environmental-friendly manufacturing

### Green Technology

Towards a balanced life in perfect harmony



## International Accreditation

### MANUFACTURE STANDARDS

ISO 9001 : 2000

ISO 14000

### PRODUCT STANDARDS

IGBC

ASTM C1185

BS 476 Part 5, 6, 7

EN 13501-1 : 2002

EN 13823 : 2002

EN 11925-2 : 2002

CNS 6532

BRL 4101

JIS 1427 - 2540



No. 041-005  
Made from 30% Recycled Materials

## Product Categorisation



**SHERA** board



Ceiling Board



Wall Board



Floor Board



Fretwork



Deco Board



**SHERA** wood



SHERA Planks



Splendid Plank



Floor Plank



Decor Wood



Strips



Skirts



Door Frames



Stairs



Eaves



**SHERA** ply



Ceiling



Partitioning & Panelling



CNC/3D Designs



Built-in Furniture



**SHERA** APPLICATION  
SOLUTIONS



Infillwall



Drywall



**SHERA** roof



Granada

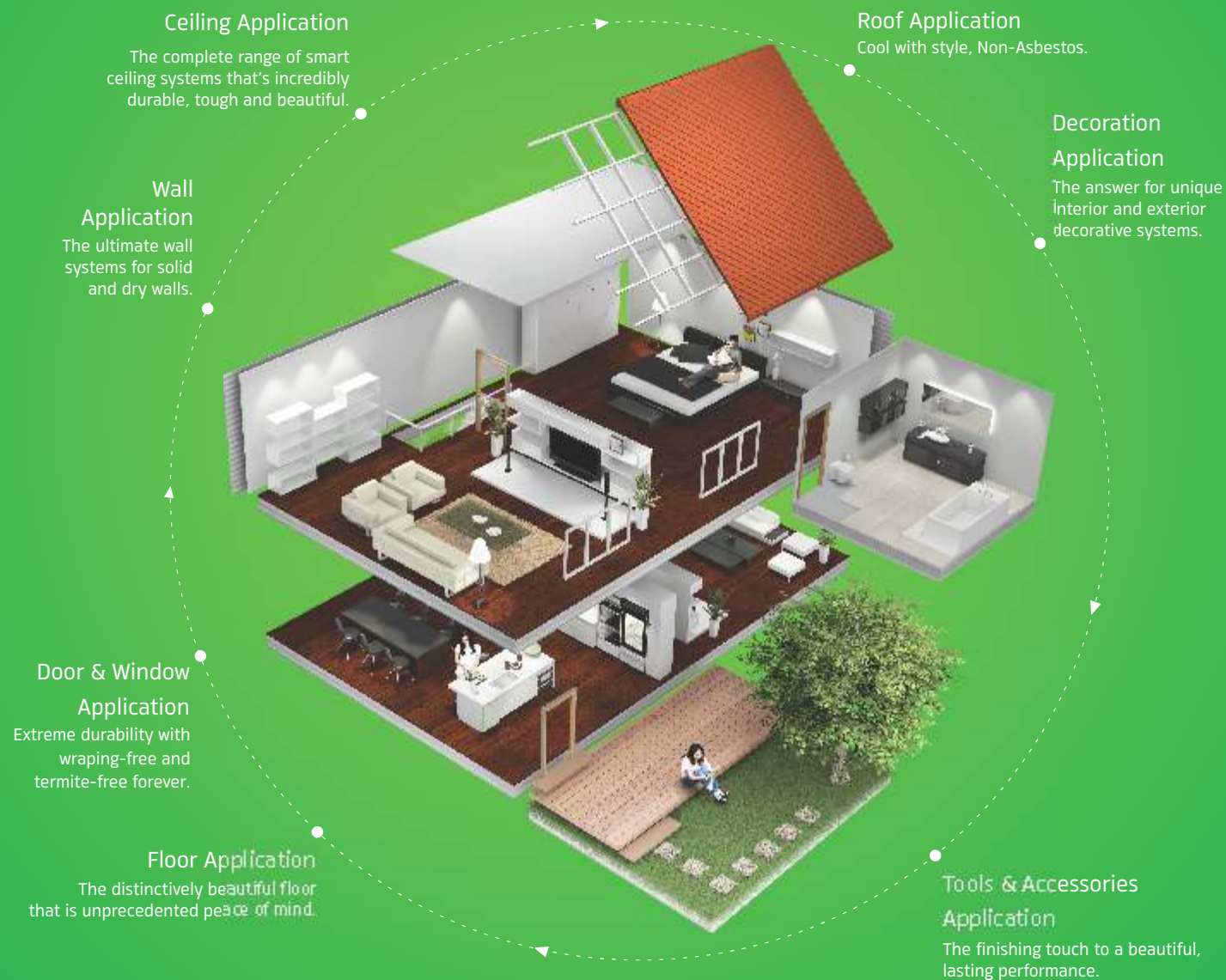


Magma



Shingles





## CONTENT

### SHERA Board

Ceiling Board  
Wall Board  
Floor Board  
Fretwork  
Deco Board

### SHERA Wood

Planks	Skirts
Splendid Plank	Door Frames
Floor Plank	Stairs
Decor Wood	Eaves
Strips	

### Specifications

SHERA Boards  
SHERA Deco'board  
SHERA Plank  
SHERA Skirt

### Accessories & Tools

SHERA PU Sealant  
SHERA Screw  
SHERA Fiber Mesh Tape  
SHERA Cement Bonding Compound  
SHERA Cement Jointing Compound  
SHERA Flexible Jointing Compound  
SHERA Grinder Control  
SHERA Manual Board Cutter

### SHERA Ply

Ceiling  
Partitioning & Panelling  
CNC/3D Designs  
Built-in Furniture

### SHERA Application Solutions

Infillwall	Drywall
------------	---------

### SHERA Roof

Granada  
Magma  
Shingles





**SHERA™ board**

Built to outlast.  
Designed to outshine.

A perfect blend of luxury and functionality. *SHERA* board is a perfect choice for building board applications, especially where speedy construction, cleanliness and hygiene is of high importance. Its key features and special properties make it suitable for indoors, outdoors and all types of constructions including residential and commercial.

#### Application

Ceiling • Walling • Flooring • External • Underlayment • Fretwork



**Ceiling Application 4.5 mm - 6 mm**

**SHERA ceiling board**

- New formula for increased toughness
- Suitable for external ceilings/soffits
- Ideal for internal wet areas like shower rooms and restrooms
- Flexible with a minimum radius of 1 – 2 metres

**Green Innovation**



Key Features	SHERA board	Plaster board	Ply wood
Weather Resistant	***	**	*
Water/Moisture Resistant	***	**	*
Fire Resistant	***	*	*
Flexible	***	**	**
Sound Insulation	***	***	***
Workability	***	**	**
Low Shrinkage	***	***	**
Termite & Insect Proof	***	*	**
No Warping	***		

**Groove Ceiling**



**Jointless Ceiling**



**T-Grid Ceiling**



**Vent Ceiling**



SHERA ceiling board	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Square cut	4.5	122	244	20.90	Exposed ceiling
	6	122	244	27.91	
	3.2	60.3	121.3	3.66	

SHERA vent ceiling	Profile modern/classic
Thickness (mm)	3.2
Width (cm)	61
Length (cm)	122
Weight (kg)	3.72
Usage Area	External ceiling/soffit

**Deco Ceiling**



**SHERA deco ceiling**

Possesses outstanding properties of durability and water resistant which is applicable for internal and external decorative purposes.

SHERA Deco ceiling	Thickness (mm)	Width (cm)	Length (cm)	Weight (kg)	Usage Area
Profile	3.5	61	122	4.07	Exposed ceiling
Blossom	3.5	122	122	8.14	
Drop/Rocco	3.5	122	244	16.28	
	3.5	59.5	59.5	1.94	Suspended ceiling
	3.5	60.3	60.3	2.00	
	3.5	59.5	119.5	3.88	
	3.5	60.3	121.3	4.00	

Internal Ceiling



**SHERA** board

Canopy Cladding



Exposed Ceiling





Wall Application 6 mm - 12 mm



**SHERA wall board**

- High-impact strength
- Water/Moisture resistant
- Perfect for wall cladding, partitioning & decoration
- Suitable for residential, industrial and commercial buildings
- Supports speedy construction along with cleanliness and hygiene
- Ideal for schools, hotels & hospitals etc.

SHERA wall Board	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)	Usage Area
Square cut	6	1220	2440	27.91	Internal wall and external wall
	8	1220	2440	37.21	
	10	1220	2440	46.51	
	12	1220	2440	55.82	
Recessed edge	6	1220	2440	27.15	Internal seamless wall
	8	1220	2440	36.28	

Interior - Partitioning



Interior - Panelling



Exterior Facade Application  
6 mm - 12 mm



Exterior Louver & Duct  
Application 10 mm - 12 mm



Exterior Cladding



Exterior Cladding



Exterior Cladding



Exterior Cladding





Flooring Application 15 mm - 18 mm

**SHERA floor board**

- Thick & strong
- High load bearing capacity
- Perfect replacement for plywood
- Ideal for commercial buildings, shopping centers, retail outlets, industrial buildings, factories etc.

SHERA floor board	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)	Usage Area
Elevated floor	15	1220	2440	66.75	Internal and external floor
Application	18	1220	2440	79.15	

Raised Flooring



Floating Restaurant



Internal Flooring





Fretwork 8 mm - 12 mm





**SHERA™**  
deco' board

A reflection of  
your creativity

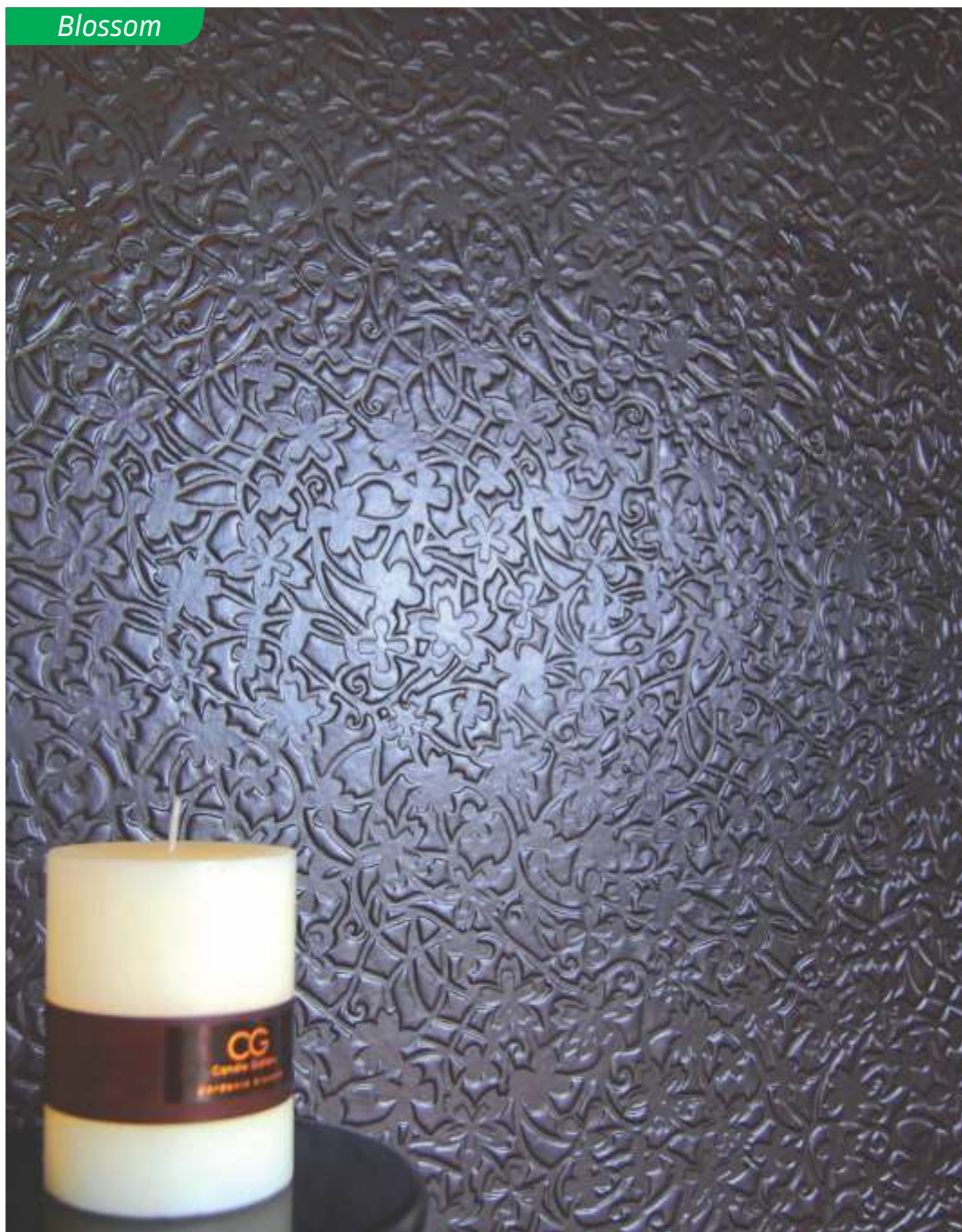
Let your walls reflect your creativity. This elegant wall cladding system is a unique composite of natural fibres bonded tightly in a high-grade silicate structure. It is impressively strong, durable and has high impact strength and is available in various textures and sizes to suit your aesthetic needs.

**Application**

Decorative Ceiling & Walling

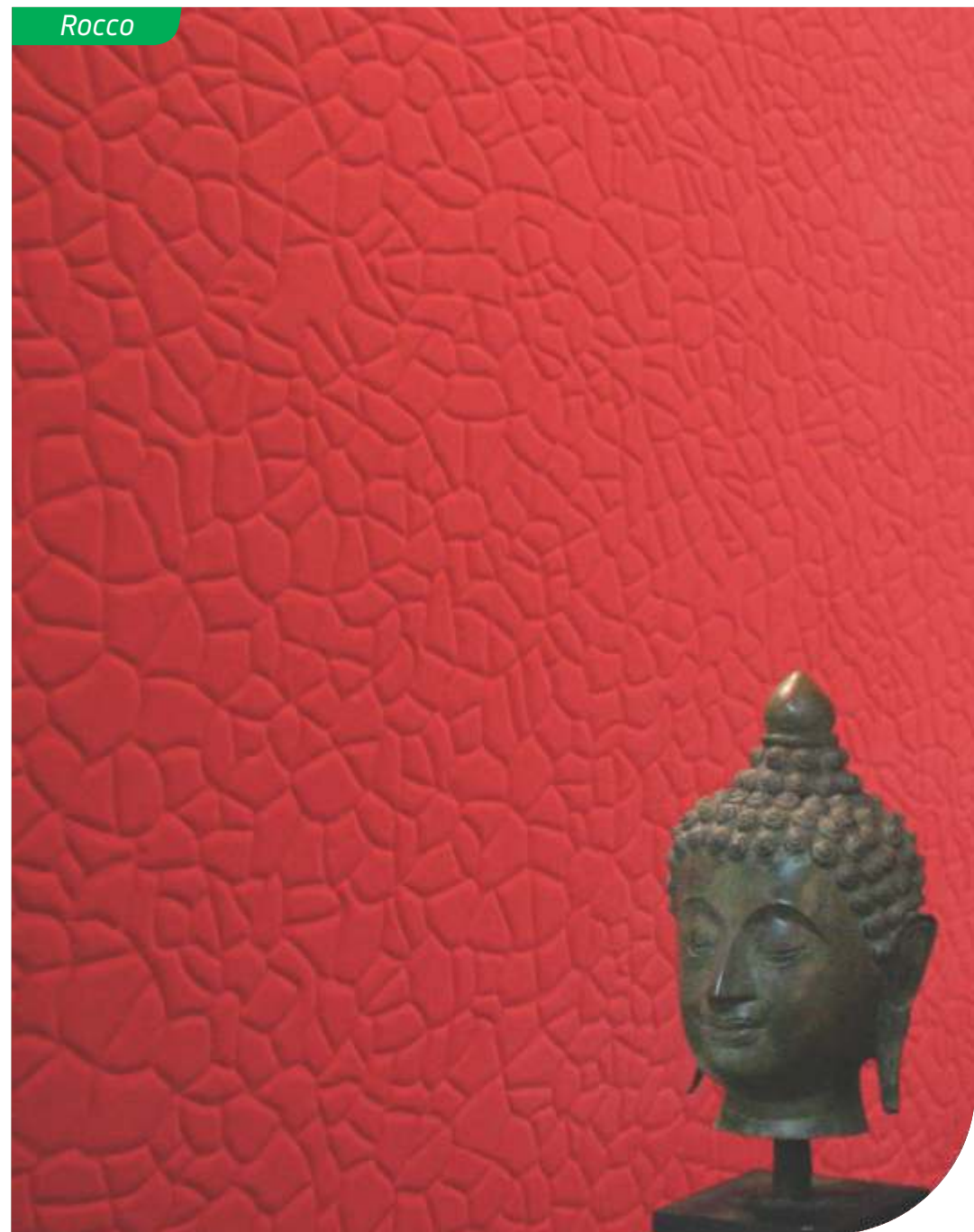


Blossom



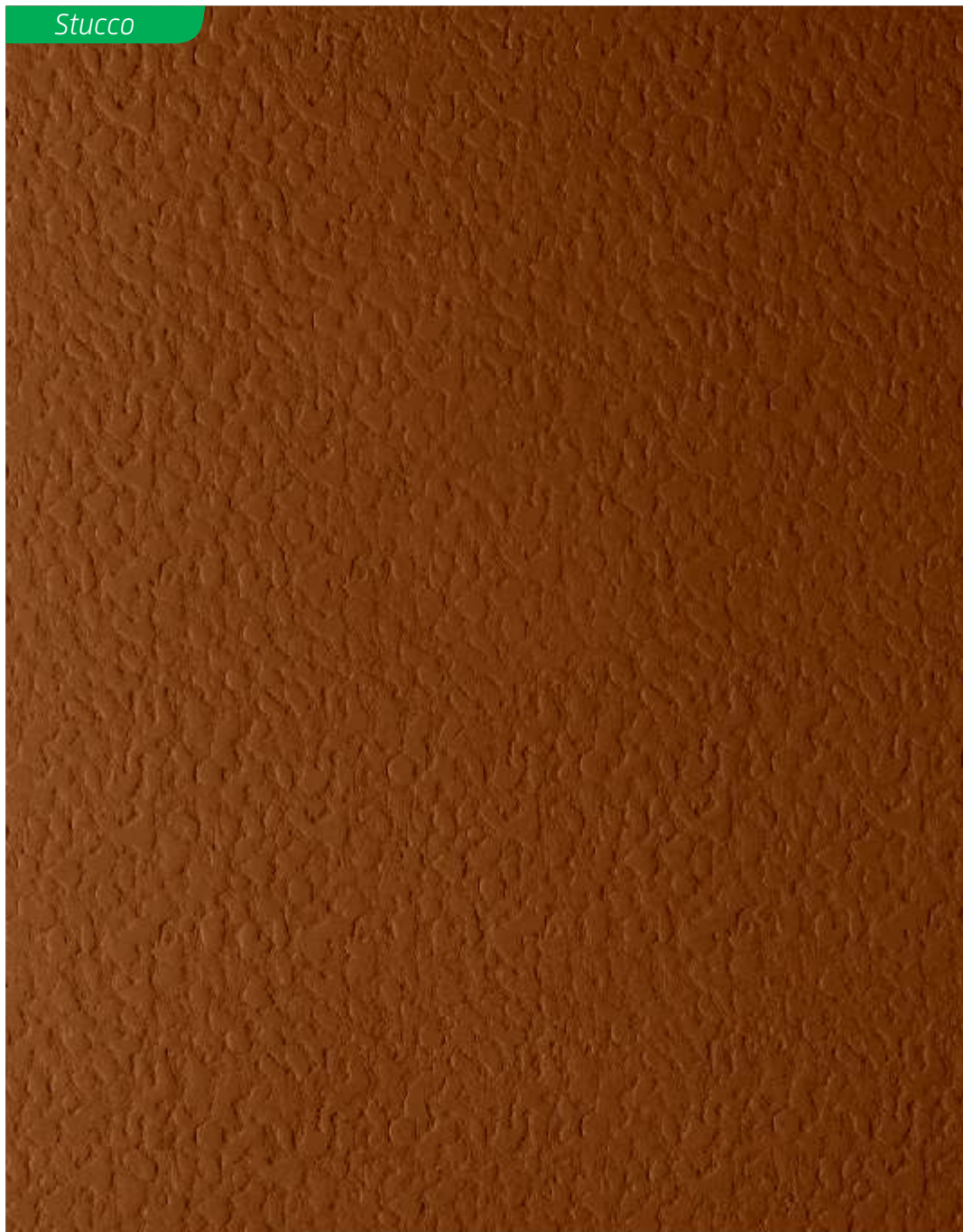
SHERA board

Rocco





Stucco



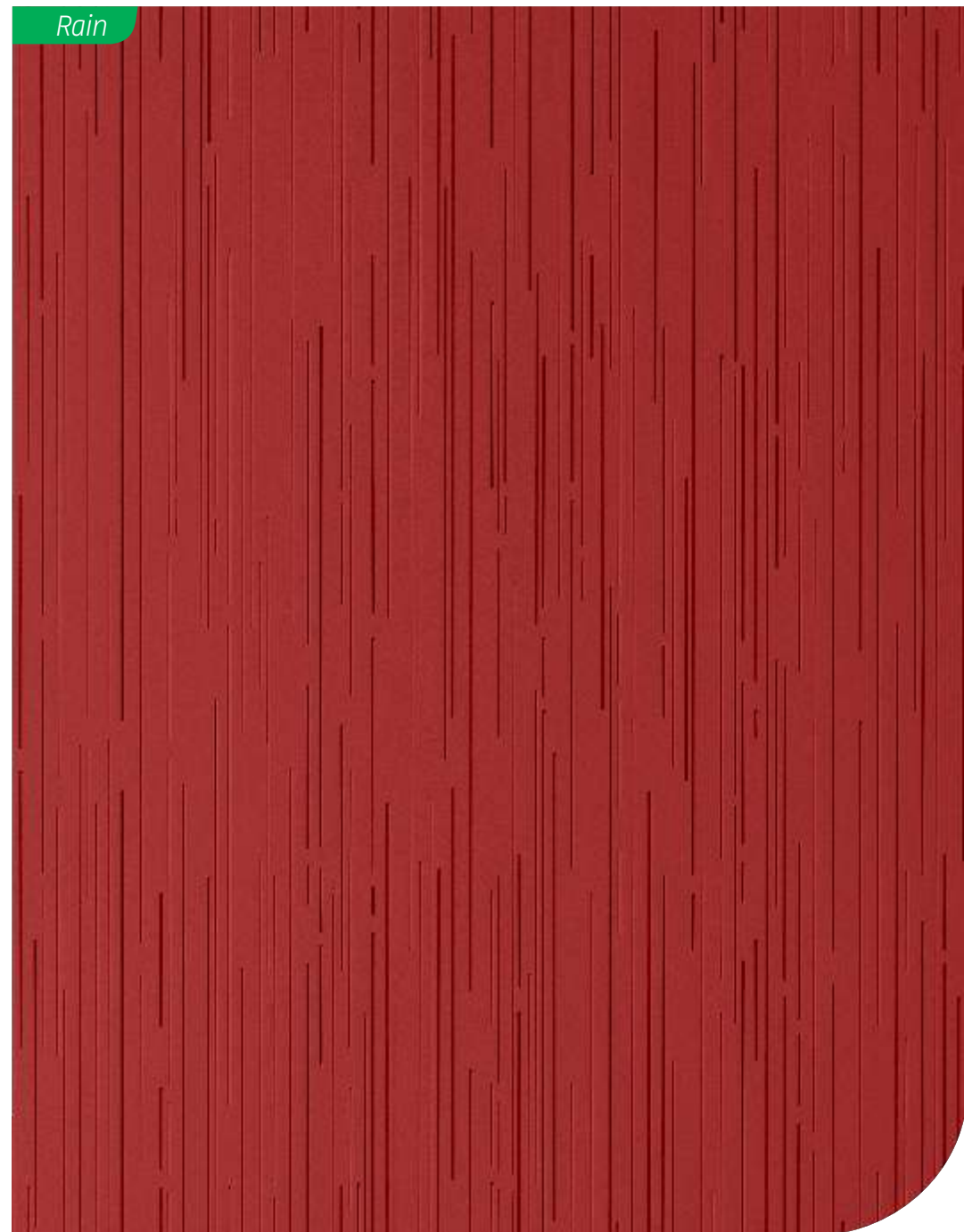
Cassiano



Cassia

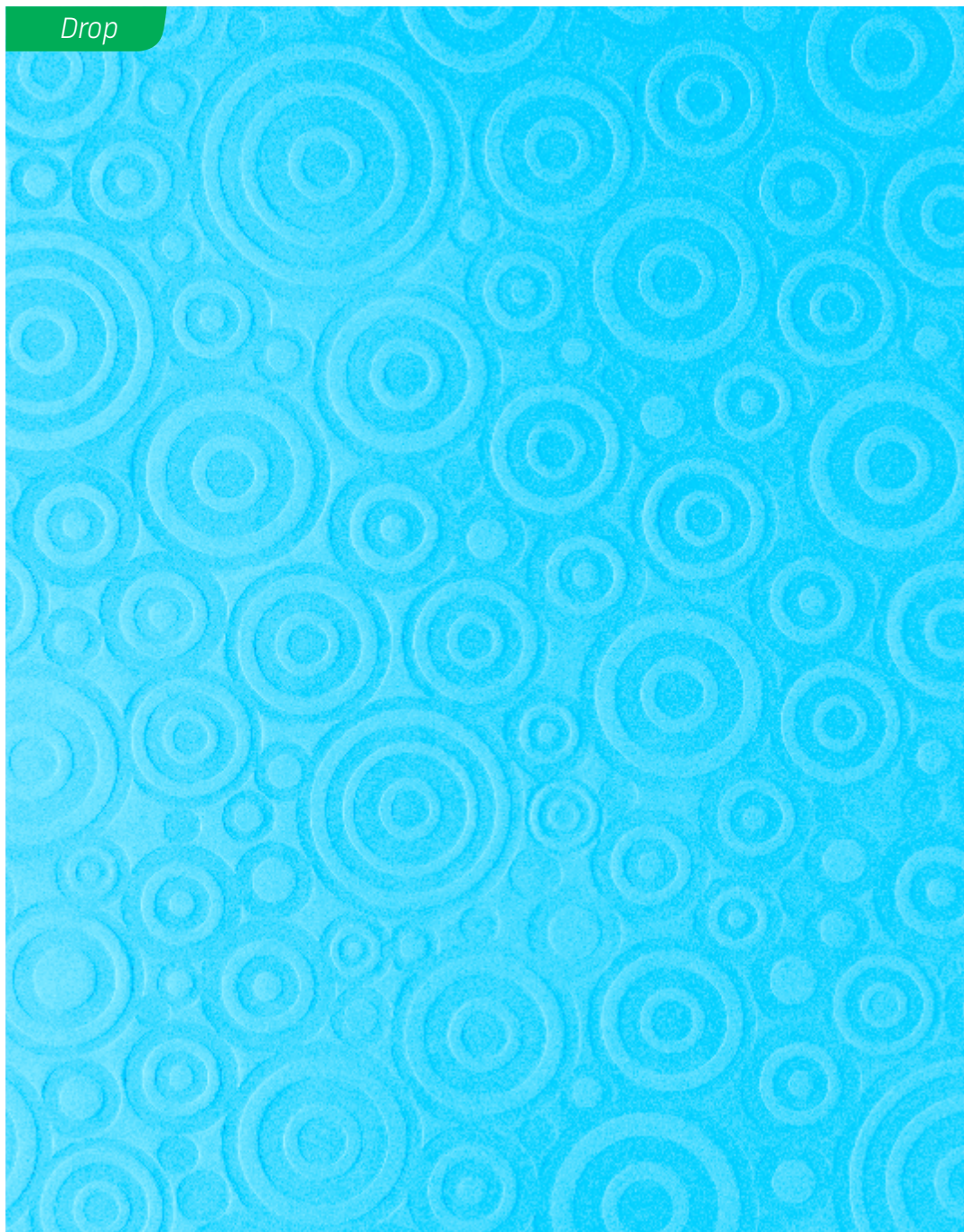


Rain





Drop



SHERA board

## Technical Data

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)
6	1220	2440	27.91
8	1220	2440	37.30

## Deco board Textures



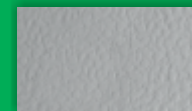
Blossom



Rocco



Cassiano



Stucco



Cassia



Drop



Rain





**SHERA™** wood

A lot like wood,  
yet nothing like it.

The elegance of wood, without the guilt of cutting down a tree. That's what you get with *SHERA* wood and wide range of eco-friendly offerings.

**Application**

Soffit Ceiling • External Cladding • Panelling • Landscaping • Screens • Louvers

**SHERA wood**



**SHERA™**  
plank

- Made from a unique composite of natural fibres
- High-grade silicate structure
- Impressive toughness
- Flexible
- Dimensionally stable
- Non-asbestos
- Easy installation
- Termite-proof
- Moisture-proof

**SHERA wood**

**SHERA™** wood

Soffit Ceiling



Ceiling



External Cladding



External Cladding



Straight Grain Texture

Cassia Texture: Uncoloured

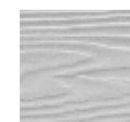
Teak Texture: Uncoloured

Teak Texture: Afromosia Brown

Teak Texture: Walnut

Teak Texture: Cherry Red

Teak Texture: Golden Sand Teak



Uncolored  
Teak Texture



Uncolored  
Cassia Texture



Straight Grain  
Texture

#### Dimensions

8 x 150 x 3000 mm | 5.40 kg | 2.67 pcs/sqm



Pergola



Louver



Landscaping



Panelling



Plank Screens



Gate



Sliding





External Cladding



External Cladding



Canopy Cladding



External Cladding



Soffit Ceiling



External Cladding



External Cladding





**SHERA™**  
splendid plank

**SHERA™** wood

- Elegant edged profile siding
- Easy overlapping installation
- Long-lasting
- Weatherproof
- Can withstand salt sprays and flying debris



#### Dimensions

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



Uncolored  
Cassia Texture



Uncolored  
Smooth Texture

**SHERA wood**

**SHERA™**  
floor plank

- Best substitute to natural wood
- Compliments various looks including traditional, heritage or contemporary
- Suitable for indoors and outdoors
- Fire-resistant
- Termite-proof
- Water-resistant
- Can be fixed directly on timber or steel frames

**SHERA™** wood



#### Dimensions

16x150x3000 mm\*\* | 11.18 kg | 2.22 pcs/sqm

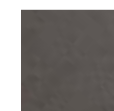
25x150x3000 mm\*\* | 17.34 kg | 2.22 pcs/sqm



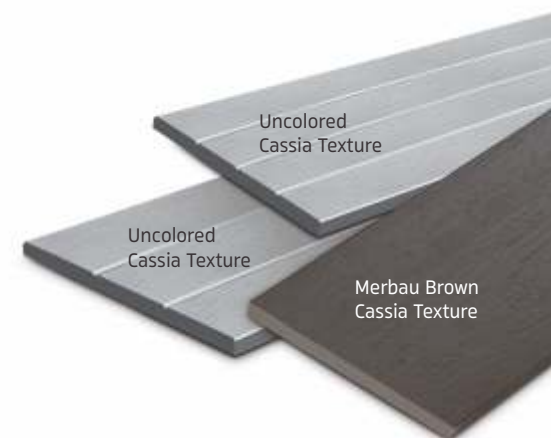
Uncolored  
Cassia Texture



Chestnut Brown  
Cassia Texture



Merbau Brown  
Cassia Texture



**SHERA** wood



**SHERA™**  
decor wood

**SHERA™** wood

- Exquisite panels for creative buildings
- Available in a variety of dimensions and colours
- Weatherproof
- Eco-friendly

#### Dimensions

16 x 50 x 3000 mm Smooth texture | 3.59 kg | 6.67 pcs/sqm

16 x 75 x 3000 mm Smooth texture | 5.38 kg | 4.44 pcs/sqm

16 x 75 x 3000 mm Cassia texture | 5.38 kg | 4.44 pcs/sqm

16 x 50 x 3000 mm Cassia texture | 5.78 kg | 6.67 pcs/sqm

25 x 100 x 3000 mm Cassia texture | 11.56 kg | 3.33 pcs/sqm



Uncolored  
Cassia Texture



Uncolored  
Smooth Texture



Uncolored  
Straight Grain Texture



**SHERA** wood



**SHERA™**  
strip

- Unique fibre-composite panels
- Suitable for tropical climates
- Facilitates wind flow and ventilation
- Saves energy consumptions
- Wood-like finish
- Low maintenance
- Durable & strong
- Can also be used as louvers
- Available in a varied colours and textures

**SHERA™** wood



#### Dimensions

Teak texture: Square cut edge

8 x 50 x 3000 mm | 1.80 kg | 6.67 pcs/sqm

8 x 75 x 3000 mm | 2.70 kg | 4.45 pcs/sqm

Smooth texture: Square - cut edge

8 x 75 x 3000 mm | 2.70 kg | 4.45 pcs/sqm

8 x 100 x 3000 mm | 3.60 kg | 3.34 pcs/sqm

Smooth texture: V - cut edge

8 x 75 x 3000 mm | 2.70 kg | 4.45 pcs/sqm

8 x 100 x 3000 mm | 3.60 kg | 3.34 pcs/sqm



Uncolored  
Teak Texture



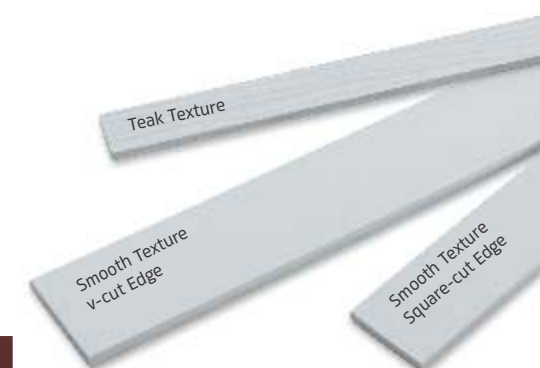
Uncolored  
Smooth Texture



Cherry Red  
Teak Texture



Red Mahogany  
Smooth Texture



**SHERA** wood

**SHERA™**  
skirt

- Perfect wood trimming substitute
- Long-lasting
- Water-resistant
- Termite-proof
- Can be used for both floor walls and floor ceilings

**SHERA wood**

**SHERA™** wood

#### Wall Ceiling Skirt



#### Dimensions

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*

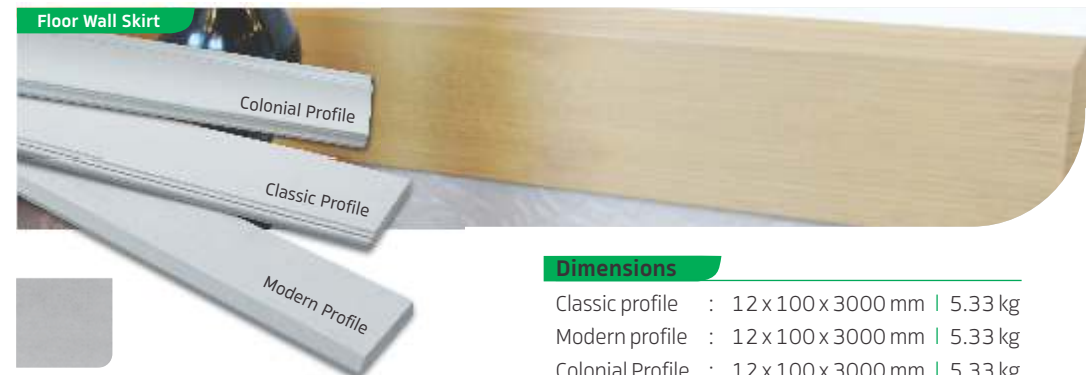
#### Ended Skirt



#### Dimensions

Classic profile	: 12 x 100 x 1000 mm	1.83 kg
Modern profile	: 12 x 100 x 1000 mm	1.83 kg

#### Floor Wall Skirt



#### Dimensions

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





**SHERA™**  
door frame

Convenience  
at you doorstep.  
Elegance all around.

Add value to your dream projects with *SHERA* door frames. Calibrated to perfection, these ready-to-fit door frames eliminate the need of on-site sizing, skilled labour and can be ordered in any quantity, saving you both time and money. Experience a world of convenience and aesthetics, switch to *SHERA* door frames.

**Application**

Door Frame

**SHERA wood**

**SHERA™**  
door frame

**SHERA door frames**  
**CLASSIC SERIES**

- Hassle-free
- Durable
- Water & Termite resistant
- No shrinkage
- Non-warping
- Functional yet stylish
- Can be used for indoors and outdoors
- Available in varied patterns

**SHERA™** wood



**CLASSIC SERIES**  
**Width** 700, 800 and 900 mm X **Height** 2100 mm  
**Weight** 25.10, 25.59 and 26.09 kg  
**Cross section** 35 x 100 mm  
Uncolored\*

No termite and insect



Low maintenance cost



High water and moisture resistant



No rotting and long-lasting



Low shrinkage rate and no warping



External use and internal use.



700, 800 & 900 mm

2100 mm

\*Actual product is only available uncolored which is different from the illustration in this printed material.

**SHERA** wood



**SHERA™**  
door frame

“ SHERA door frames are outstanding with superior aesthetics and quality. ”

Comparison of attributes between SHERA door frames and frames made from other materials.

	SHERA door frames	Wooden frames	MDF Laminate frames	Aluminium frames	Vinyl frames
Infestation of termites and other insects	• No	• Yes	• Yes	• No	• No
Likelihood of shrinkage and warping	• Low expansion and shrinkage rate	• Vulnerable to warping	• Low rate of expansion and shrinkage compared to wood	• Low expansion and shrinkage but may be subject to leakages at the joints	• Low expansion and shrinkage rate • Prone to warp due to exposure to sunlight
Lifespan	• Long-lasting	• Decay, if not maintained	• Short due to exposure to humidity	• Long-lasting but need to beware of chemical corrosion	• Depends on PVC grades. Some can become dry and crack as time passes
Aesthetics	• Beautiful like real wood	• Natural beauty	• Surface materials available in wood – like appearance	• Available in smooth and wood like appearance	• Beautiful but color deteriorates with time
Installation	• Fast and easy installation using knock down system at the installation site • Complications minimized, eliminating the need for skilled professionals	• Difficult, requires skilled professionals • Lengthy procedures in prepping the wood	• A little easier than wooden frames • Skilled professionals required	• Easy to install at the installation site • Expertise of skilled specialists required	• Easy to install at the installation site • Expertise of skilled specialists required
Coloring	• Can be painted with water based acrylic paint or wood stains	• Lengthy and complicated procedures to prep and color the wood	• Surface color predetermined by manufacturer	• Predetermined by manufacturer	• Predetermined by manufacturer
Maintenance	• Low maintenance	• Constant application of termite repellent required • Requires periodic painting or staining	• Constant application of termite repellent required. Surface is also prone to scratches	• Easy to clean, but need to avoid chemicals	• Get dirty easily, and need to avoid using chemicals to clean

**SHERA™**  
stair

- Perfect replacement for wood stairs
- Thickest fibre-composite panel at 35mm
- Non-asbestos
- Wood-like finish
- Can be used for interiors and exteriors
- Weatherproof
- Long-lasting
- Low maintenance
- Termite-free

**SHERA wood**

**SHERA™** wood



#### 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



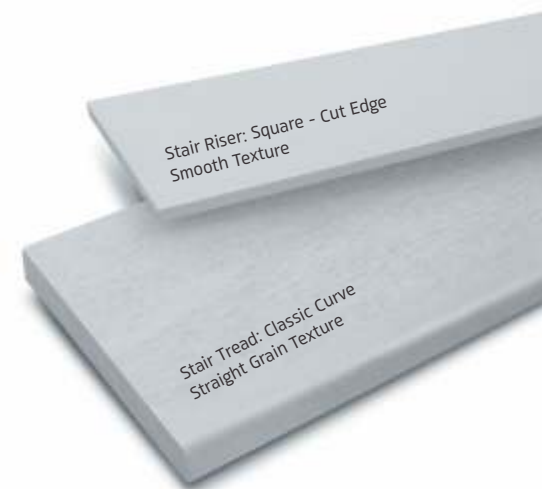
Stair Thread  
Uncolored  
Cassia Texture



Stair Thread  
Uncolored  
Straight Grain Texture



Stair Thread  
Uncolored  
Smooth Texture





- Adds aesthetic values
- Specially designed for tropical climates
- Elegant and long-lasting
- Durable
- Low on maintenance
- Available in variety of dimensions, textures and profiles
- Weatherproof
- Termite-free



#### Dimensions

	EA 001	EA 003	EA 004	EA 006
16x150x3000 mm	10.31 kg	-	10.31	10.16 kg
16x200x3000 mm	13.90 kg	14.35 kg	13.90 kg	13.75 kg
16x150x4000 mm	13.75 kg	14.35 kg	-	13.55 kg
16x100x4000 mm	-	-	-	9.57 kg
16x200x4000 mm	18.54 kg	19.41 kg	-	18.34 kg



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				•		•	•



**SHERA**  
ply

Ab plywood Ko  
bhool jaoge!

SHERA ply, the new superior alternative to wood-based panels. It is an innovative, calibrated fibre-composite panel for all interior decorative applications, including ceiling, walls and built-in furniture. It is safe, eco-friendly and perfect for plywood replacement in all interior decoration work.

**Application**

- Ceiling • Partitioning & Panelling • CNC/3D Designs • Built-in Furniture

SHERA ply



# SHERA ply



## Product Information

Plain Panel : 1-side sanded (for laminate and paint finishing)

Thickness x Width x Length (mm)	Weight (kg)	Application
4 x 1220 x 2440	17.15	Interior Ceiling/Door Skin & Built-in Furniture (Frame System)
6 x 1220 x 2440	26.79	Exterior Ceiling/Built-in Furniture (Frame System)
8 x 1220 x 2440	35.72	Interior Wall Cladding/Laminate Floor Underlay/Table Top (Frame System)
10 x 1220 x 2440	44.65	Exterior Wall Cladding /Table Top (Frame System)

**Easy installation and high quality finishing, maintaining standard quality and size.**

Easy to install with general carpentry techniques and tools, no special skills required. Easy cutting, fixing, profiling, drilling, planing, bending, coating and finishing with various materials.

Cut with handsaw



Plane with jack plane



Fix with nail



Bend



Paneling



External Cladding



Partitioning



Ceiling



Paneling





Paneling



Partitioning



Paneling



## SHERA PLY v/s PLYWOOD, MDF & PARTICLE BOARD

FEATURES	SHERA PLY	PLYWOOD	MDF	PARTICLE BOARD
Lifetime Guarantee Against Termite & Borer	✓	✗	✗	✗
Waterproof	✓	✗	✗	✗
E O Ratng (No Toxic Contents)	✓	✗	✗	✗
Singapore Label Green Certification	✓	✗	✗	✗
Fire Resistant	✓	✓	✗	✗
Calibrated Board	✓	✗	✓	✓
Screw Holding Properties	✓	✓	✗	✗
Fungus & Mold Formation	✗	✓	✓	✓
Warping & Bending	✗	✓	✓	✓

## CLEANLINESS

Enjoy a clean living environment. *SHERA* ply is mold resistant. It is also free from cancer-causing formaldehyde toxins often found in furniture.



Free from formaldehyde, certified in accordance with Japanese JIS A 1460 F\*\*\*\* or SUPER EO standard.



Passes exterior grade quality in accordance with European Standard EN 314-3 or WBP (weather and boil proof).

## COMFORT

Enjoy comfortable living and worry-free maintenance. *SHERA* ply has a lifetime guarantee against termites & boring insects. It is also water-resistant, will not twist or swell when subjected to high humidity or water.



Lifetime guaranteed against termites and boring insects, passing termite resistance test in accordance with Japanese Standard, JWPAS, 1981.14.



Mold resistant and suitable for wet area furniture, passing mold resistance level 10 in accordance with American Standard ASTM D3273.

## CARE

*SHERA* cares for quality and safety of your living space. *SHERA* ply is fire-resistant and non-flammable. We care for the environment. *SHERA* ply is manufactured from GREEN technology.



Toxin-free and environmental-friendly, suitable for use in LEED USGBC green building. Contributes up to 10 points of LEED credits.



Environmental-friendly because the ingredients are all wood and from wood grown in certified forest management under the standard of the PEFC.

Framing •

• Infill core

• *SHERA* board

• Finish coat

***SHERA***<sup>™</sup>  
*infillwall*

A reflection of  
your creativity

*SHERA* infillwall is a revolutionary system that replaces traditional walling method. It offers high workability, saving both time and money on constructions. Decreasing dead load on the structure, infillwall helps constructions tolerate the impact of earthquakes. Because of less thickness, the system subsequently increases the carpet area of the project. With waterproof and fire-resistant capabilities, it makes the construction better, stronger and safer.

#### Application

Solid Wall



## How it works

### 6 Easy Steps For Installation



GI frame install



Sheeting the board



M/E install



Infill lightweight concrete



Finishing joint with  
SHERA jointing solution



Paint

### World Class Properties 3<sup>rd</sup> Party Certified System

Fire Resistant	2:50 hrs insulation, 3:50 hrs integrity
Thermal Insulation	0.093 W/k.m.
Compression Strength	44 ksc
Heat and Rain Test	ASTM C1185 pass
Impact Test	Pass
Sound Proved	39-44 STC

### Benefits of SHERA Infillwall System

- Fasttrack condition – saves up to 40% time
- Lightweight – up to 50% lighter than conventional walls leading to substantial cost savings in construction steel (TMT)
- Eliminates the need for plastering or POP punning
- 3 hrs 50 mins high performance fire rating walls
- Excellent acoustic properties – 40 dB to 50 dB sound insulation
- Highly thermal resistant
- Slimmer wall at 84 mm thickness leading to large floor space
- Requires less labor further minimizing over all project cost – saves 30% labor cost
- Planned MEP services avoiding redundant work. Saves subsequent labor cost & time
- Clean site – no wet work
- No wastage, no breakage
- No cracking problem
- Smooth surface
- High impact resistance
- Safe – higher resistance to earthquakes than conventional walls
- Highly suited for wet area applications – kitchens, baths & toilets
- No damp walls – immune to water damage
- Total management cost saving
- Flexible wall system – thermal, acoustic, fire rating, weight, density – all such parameters can be matched as per requirement

Key Features	Shera Infiwall	Precast Concrete Wall	Brick Wall	Gypsum Wall	AAC Blocks
Thickness	8.7 cm	14 cm	10 cm	9.5 cm	100-150
Weight	90-100 kg/m <sup>2</sup>	300 kg/m <sup>2</sup>	180 kg/m <sup>2</sup>	70 kg/m <sup>2</sup>	80-120 kg/m <sup>2</sup>
Wall Body	Solid	Solid	Solid	Hollow	Solid
Method	Semi - Dry	Wet	Wet	Dry	Wet
Fire Rating	3-4 hr	1-2 hr	1-2 hr	1-2 hr	3-4 hr
Surface Flatness	Excellent	Fair	Fair	Excellent	Fair
Moisture Resistant	Excellent, No efflorescence	Good	Good, Easy efflorescence	Poor	Poor
M&E Works	Easy	Pre-embedded	Difficult	Easy	Difficult
Cleanness	Clean site	Wet and mess site	Wet and mess site	Clean site	Wet and messy
Construction Speed	12m <sup>2</sup> /people, day	2m <sup>2</sup> /people, day	6m <sup>2</sup> /people, day	15m <sup>2</sup> /people, day	8m <sup>2</sup> /people, day
Earthquake Resistant	Good	Not Good	Not good	Good	Not good
Wastage	Very less	Very high	Very high	Less	Very high









*SHERA* Drywall



## SHERA Steel Frames : For Fixing SHERA Board

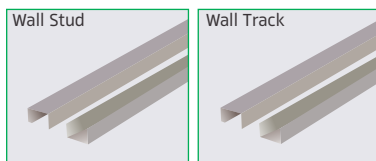
**Frames:** For fixing

Description	C - Stud	U- Track
Frame thickness	0.6 mm	0.6 mm
Dimensions	Flange- 34 mm Web - as per wall thickness	Flange -34 mm Web - as per wall thickness



**Spacing of steel members:** Horizontally – 600 mm c/c Vertically : 1200 mm c/c

Wall Stud & Wall Track



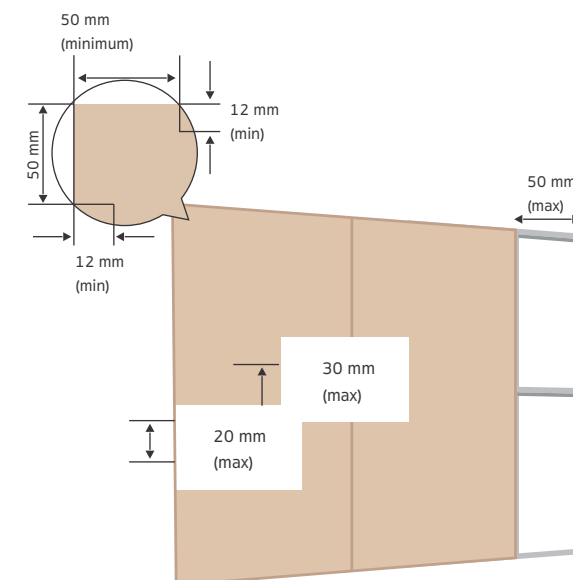
### SHERA Screw FIX-W

For fixing SHERA board to steel frame having thickness of 1.0 – 3.2 m

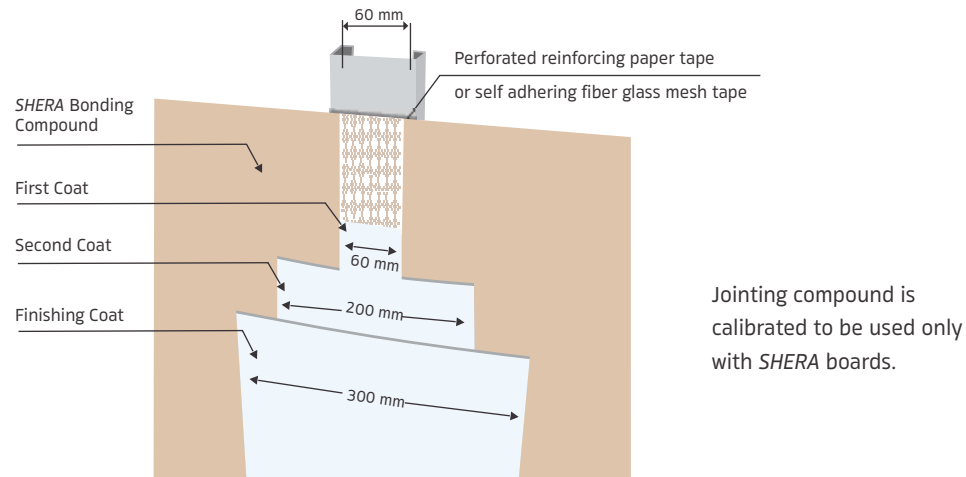
### Specification

- Diameter: 8, 10 G • Tensile: 34 N • Shear: 68 N • Length: 20 and 45 mm
- Package: 500 and 250 pcs/box

## FRAMING SHEETING AND SCREWING



## Seamless Joint Finishing Process



### At Recessed Edge Joint

- Apply a SHERA cement bonding compound on the jointing surface area of the board
- Apply 1st layer of SHERA cement jointing compound in the recessed strip (if using SHERA new advanced recessed edge board – we recommend to apply this 1st layer 100 mm wide with SHERA cement jointing compound)
- Reinforce with SHERA fiber glass mesh tape on the base layer
- Apply 2nd layer of SHERA exterior jointing compound in recess
- Let dry, then apply 3rd layer of 200 mm wide
- Let dry, then apply 4th layer of 300 mm wide
- Apply SHERA waterproof membrane for exterior and wet areas

## Control Joint

- If the cladding wall height is over 3.6 meters, horizontal control joint must be provided. Please also refer to figure 33 for more details
- To fix sheet around door or window opening in order to reduce the possibility of cracking due to structural movement. Set joint should be located at least 200 mm away from the opening. Refer to figure 34 for more details







**SHERA™** roof

Beauty you will  
look up to

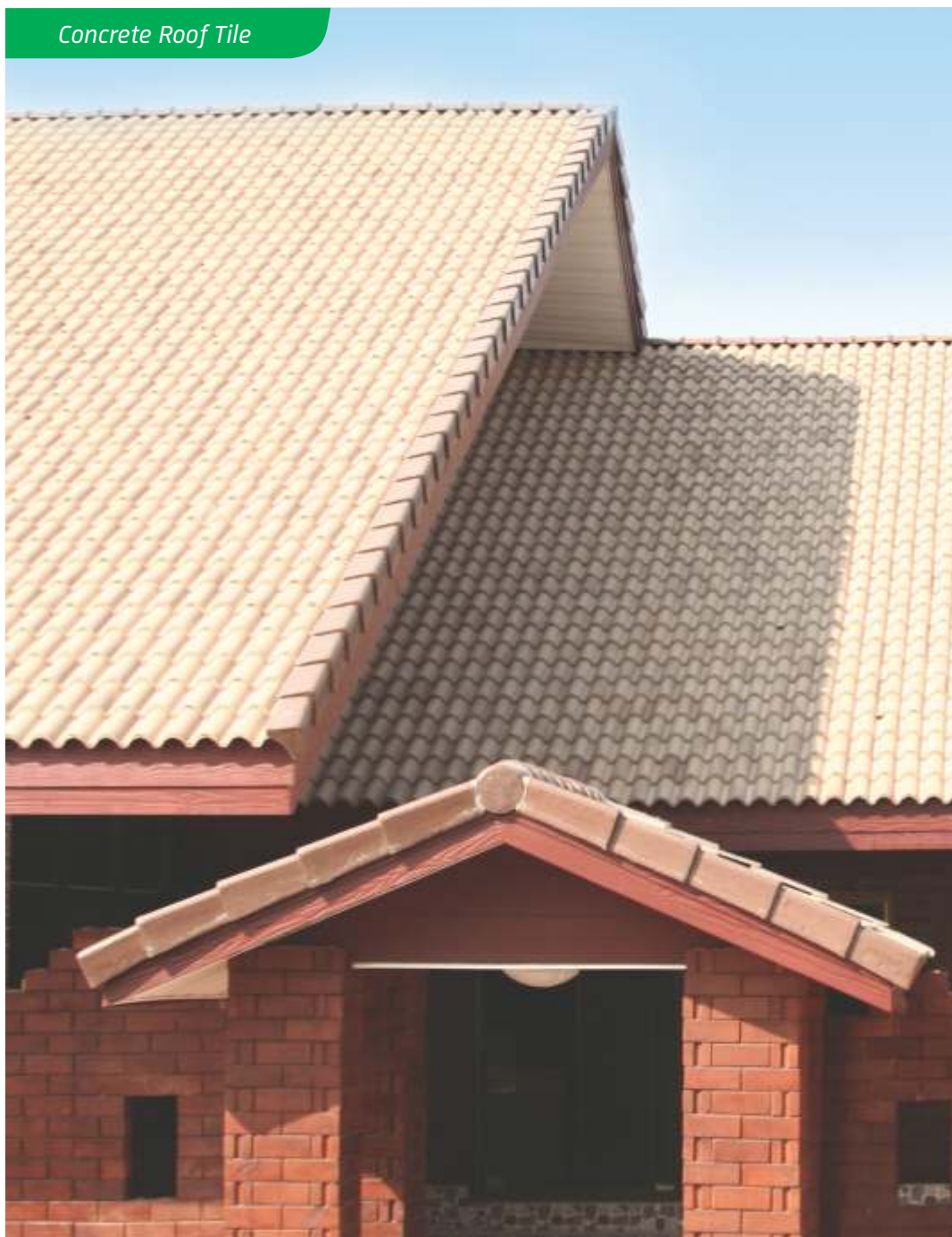
SHERA offers a variety of roofing solutions, all under one roof. From residential to commercial, from designer to the conventional, SHERA is the best choice when you want a “roof above your head”.

Application & Accessories

Roofing

**SHERA** roof

## Concrete Roof Tile



**SHERA™** roof

## Granada

### Profile :

- High curve classic concrete roof tiles
- Available in various colors including



### Technical Data

- Tile Size: 33 x 42 cm • Weight: 4.3 kg/tile • Purlin Space: 32-34 cm • Usage Amount: 10-11 tiles/sqm
- Minimum roof angle: 17 Degree • Net of overlapping length: 30 cm

### Color Through Series



443 Knight Black

### Special Series



281 Cavalia Orange

### Premium Series



441 ROYAL  
BROWN

442 CHALOT  
CREAM

352 NOBLE  
BLUE



221 CARIBBEAN  
GREEN

241 MAJESTY  
COFFEE

271 DAZZLING  
RED

282 ARCHER  
BROWN

### Regular Series



171 Queen Red

### Kool Series



651 Arctic Blue



141 SILENT  
BROWN

172 SERENE  
ORANGE

174 SIROCCO  
ORANGE

181 SUNSHINE  
CREAM



600 POLAR  
WHITE

661 TUNDRA  
GRAY

642 SIBERIAN  
BROWN

671 GLACIER  
ORANGE

**SHERA™** roof



## Concrete Roof Tile



**SHERA™** roof

## Shingle

### Profile:

- Flat concrete roof tile with a natural look and feel
- Available in various colors including:



### Technical Data

- Tile size 33 x 42 cm • Weight 5.2 kg • Purlin space 31-33 cm • Usage amount 10-11 tiles/sqm
- Minimum roof angle 25 degree • Net of overlapping length 30 cm

### Stripe Paradise Series



345 Cherry Brown



366 Zebrano Gray

### Color Through Series



442 Oak Brown



441 Cherry Brown



461 Charcoal Gray



443 Teak Wood Brown

### Color Top Series



347 Maple Brown



323 Pine Green



324 Fern Green



346 Wooden Brown



347 Maple Brown



362 Silver Ash



364 Graphite Gray

### Wooden Series



444 Savanna Brown



445 Forest Brown



462 Taiga Gray

**SHERA** roof

## Concrete Roof Tile



**SHERA**™ roof

## Magma

### Profile:

- High curve classic concrete roof tiles
- Available in various colors including



### Technical Data

- Tile size: 33 x 42 cm • Weight: 4 kg/tile • Purlin space: 32-34 cm • Usage amount: 10-11 tiles/sqm
- Minimum roof angle: 25 degree • Net of overlapping length: 30 cm

### Regular Series



111 Red



113 Autumn\*



141 Brown



144 Dark Brown



145 Classic Brown



161 Gray



171 Orange



172 Black

### Special Series



261 Storm



271 Orange Cream



352 Navy Blue



357 Bright Blue

### Premium Series

**SHERA** roof





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