

SHERA plank

SHERA Plank is a unique composite of natural fibres bonded tightly in a high-grade silicate structure. This autoclaved wood-grain siding acquires impressive toughness, yet remains flexible and dimensionally stable. It is a cellulose cement plank that contains absolutely NO asbestos fibre.

SHERA Plank can withstand simpler handling and installation and is therefore suitable for the Do-it-Yourself (DIY) segment. It comes in several sizes and textures and is especially suited to wood-cladding houses, which are affected by termites and humidity. Primed planks can be coated before or after installation (double coating) with optional acrylic paint.



TERMITE & INSECT RESISTANT



Easy Installation



No Rotting



Weather Resistant



Sustainable

Standard References

Standard	Category	Title
ASTM	C1185, C1186-91	Flat Non-Asbestos Fibre-Cement sheets
ISO	8336:1993	Fibre-Cement Flat sheets
AS/NZS	2908.2:2000	Cellulose Cement Product Part 2: Flat sheets
JIS	A5430 - 1995	Fibre Reinforced Cement Boards
EC Conformity	12467:2004	Fibre-Cement Flat sheets

Product Accreditations

Certification	Category	Title
Green Label / Singapore	ASTM D5116-06	Emission Test
Carbon Label/ Thailand		Carbon Reduction



Product Information

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/pcs)	Profile
8	150	3000	5.4	<ul style="list-style-type: none"> Teak Cassia
8	200	3000	7.2	
8	150	4000	7.2	
8	200	4000	9.6	

Framing and Fixing

Framing : SHERA Plank can be fixed to both timber frames (minimum size 1.5 x 3 inch) or steel frames (thickness between 0.55 and 1.6 mm). Framing must be selected so that it provides sufficient strength to support the SHERA Plank siding.

Fixing : Planks can be fastened with nails or screws. It can be nailed directly to timber supports with round wire nails. When using metal screws, the size and length of the screw will be dependant on the thickness of the plank and the gauge of framing. Pre-drilling the board is a must unless self-embedding, self-drilling head screws such as SHERA FIX-W32G8 are used.



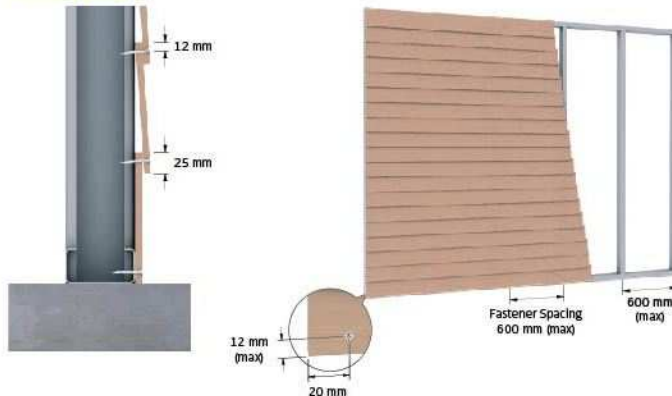
No. 041-005
Made from 30% Recycled Materials



Technical Data

Physical properties	
1. Thickness Tolerance	± 0.50 mm
2. Density	1300 - 1400 kg/m ³
3. Modulus of Rupture	≥ 7 MPa
4. Modulus of Elasticity	7100 ± 500 MPa (Wet)
5. Water Absorption	≤ 35%
6. Moisture Content	≤ 15%
7. Water tightness	Pass
8. PH-Value	7
Fire resistance properties	
9. Ignitibility	Pass
10. Fire propagation index	I = 0.1
11. Surface spread of flame	Class 1
12. Reaction to Fire Classification	A2-s1, d0
Durability properties	
13. Freeze/Thaw resistance	Pass
14. Warm water resistance	Pass
15. Heat/Rain resistance	Pass
16. Soak/Dry resistance	Pass

Installation



Installation : Fasteners must be located more than 12 mm from plank edges and 20 mm from plank ends. When installing in an overlapping plank cladding style, plank installation must start at the bottom of the frame. The subsequent row of planks should overlap previous row by at least 25 mm.

Tools : No special tools are required. The products can be used with normal nails, fastened by normal or self-drilling screws and cut by an electric power saw with a diamond blade.

Accessories



Trim Profiles (Corners)



Screws



Fiberglass Mesh Tape

Transportation, Handling and Storage

Deliver *SHERA* Plank to project site in original, unopened package and store them in fully enclosed space where they will be protected against damage from humidity, direct sunlight, surface contamination and other causes. Handle *SHERA* Plank carefully to avoid chipping of edges or damaging the units in any way. Handling and storage practices should follow manufacturer's suggestions at all times.