



SHERA™
splendid plank



Product Benefit

- Weather resistance
- Immune to Water Damage
- Fire Resistance
- Not Brittle
- Low Shrinkage
- Bendable
- High Workability
- Termite Resistance
- Non-Asbestos

Description

SHERA splendid plank is a unique composite of natural fibres bonded tightly in a high-grade silicate structure. This autoclaved wood-grain and smooth siding plank acquires impressive toughness, yet remains flexible and dimensionally stable. It is cellulose cement plank that contains absolutely NON asbestos fibre.

SHERA splendid plank achieves the beautiful aesthetic grooves on the building walls with the edged profile of splendid siding. SHERA splendid plank is another version of lab siding with stand up the most demanding design. With SHERA splendid plank, shift-lapping installation is very simple and efficient. These come with several options in edge profiling designs that not only provide innovative style into home designs but also long lasting and less worry from humidity, heat, salt spray and flying debris.

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 Part2: Flat sheets
JIS	A5430 – 1995	Fibre Reinforced Cement Boards
EN (BS, NEN)	12467: 2000	Fibre-Cement Flat sheets








Product Accreditations

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

The Thai Olympic Fibre-Cement Co.,Ltd.

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Product Information

Profile	Picture	Texture	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/pc)
Orchid Tree		Cassia/Smooth	10	150	3000	6.55
Croton		Cassia/Smooth	10	150	3000	6.33
Yellow Flame		Cassia/Smooth	10	150	3000	6.33
Jacaranda		Cassia	10	150	3000	6.33
Modern Stagger		Smooth	10	100	3000	4.40
		Smooth	10	150	3000	6.40
		Smooth	10	200	3000	8.80

Framing and Fixing

Framing: SHERA Splendid Plank can be fixed to both timber with minimum size 1.5 x 3 inch or steel frame with thickness of between 0.55 and 1.6 mm. Framing must be selected to provide sufficient strength to support the SHERA Splendid Plank siding.

Fixing: Fastener can be both nails and screw. It can be nailed directly to timber supports with round wire nails. For metal screws, the size and length of the screw will be according to thickness of the Plank and the gauge of framing. Pre-drilling the board is a must, otherwise, Self-embedding, self-drilling head screws such as SHERA FIX-W32G8 are preferred.

Technical Data

Physical properties

Thickness Tolerance	± 0.6 mm
Density	1300 ± 50 kg/m ³
Modulus of Rupture	> 11 MPa (EMC)
Modulus of Elasticity	7100 ± 500 MPa (Wet)
Water Absorbtion	≤ 35%
Moisture Content	≤ 15%
Water tightness	Pass
PH Value	7-8

Fire resistance properties

Ignitibility	Pass
Fire propagation index	Pass
Surface spread of flame	Pass

Durability properties

Freeze/Thaw resistance	Pass
Warm water resistance	Pass
Heat/Rain resistance	Pass
Soak/Dry resistance	Pass

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Installation



Installation: Fastener must be located at more than 12 mm from plank edges and 20 mm from plank end. SHERA Splendid Plank installation must be started at the bottom of the frame. Shift-lapping widths for each profile are different, see Installation manual for effective cover of each profile.

Tools: No special tools are required. The products can be hit by normal nails like wood work, fastened by normal or self-drilling screw and cut by electric power saw with diamond blade.

Conditions

Transportation, Handing and Storage: Deliver SHERA Splendid 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 Splendid Plank carefully to avoid chipping edges or damaging units in any way. Handing and store practice shall be followed manufacturer's suggestion.