



PRIMA



PRIMA *plank*

Features

PRIMA plank

The Ideal Wood Substitute

Applications:

Wall Cladding, Fascia Board, Gable End Cladding, Fencing, Gate, Screening, Ceiling, Skirting & Decking

PRIMA plank is an autoclaved cellulose fibre reinforced cement siding board manufactured by Hume Cemboard Industries Sdn Bhd (HCI) an ISO 9001:2008 & ISO 14001:2004 accredited company. Manufactured from portland cement, cellulose fibre, finely ground sand and water, **PRIMA plank** has become extremely popular when a relatively maintenance free timber planking appearance is desired.

PRIMA plank has superior dimensional tolerance and durability, it will neither warp nor become twisted when exposed to weather, **PRIMA plank** meets the durability and serviceability life of minimum 50 years. Available in "**Smooth Surface**" (for traditional timber look), and "**Woodgrain Texture**" (for enhanced timber profiling), **PRIMA plank** is becoming popular among house owners and specifiers when it comes to the refreshing "Natural Timber Look".

Properties

Values

Product Composition

- Top Grade Cellulose Fibre
- Finely Ground Sand
- Portland Cement
- Water

Nominal Density

EMC= **1390kg/m³**

Moisture Content

EMC= **7%** Saturation = **33%**

Moisture Movement

0.08% (EMC to Saturated)

Minimum Bending Strength, MoR

Dry = **14MPa** ; Wet = **7MPa**

Average Modulus of Elasticity, MoE

Dry = **8GPa** ; Wet = **5GPa**

Fire Rating

Class O Material (Certified by Bomba)
Tested to **BS 476, Part 6: 1989 & BS 476, Part 7: 1997**

Fungus Resistance

Passes (**ASTM G21**)

Termite Resistance

Resistance to Damage (Field evaluation conducted by CSIRO)

Frost Resistance

Passed (**AS/NZS2908.2, MS 1296**)

Surface Rating

Pre-Primed Available

The Ideal Wood Substitutes

This is Real wood

Painted **PRIMA plank**
cellulose fibre boards look just
like natural wood.

Top Coat Finishing

Protect and decorate your fibre cement surface with **Nippon Fibercote**, giving it a natural wood look with excellent weather, alkaline, fungus and algae resistance.


Official Paint Partner



PRIMA[®]plank Klassik

Highly durable fibre cement planks specifically formulated to produce the "Natural Timber Look" for myriad of designs in residential and commercial buildings. Available in "**Woodgrain**", and "**Smooth**" surface textures. **PRIMA[®]plank Klassik** performs better in applications where timber products are normally specified.



Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)			
		Length	Width	7.5	9.0	12.0	16.0* NEW
	Smooth	Square Edge	3660	230	•	•	•
			4200	300	•	•	•
	Woodgrain	Square Edge	3660	230	•	•	
			4200	300	•	•	

*16.0mm thickness only available in 230mm width

PRIMA[®]plank Shiplap

Enhancing the uniqueness of wall facets on buildings by expressing the 'contemporary look' in the architect's masterpiece. The '**shiplap**' jointing system employs '**tongue and groove**' concept that brings about the conventional timber planking appearance, while maintaining a flat and straight wall. This jointing system is made possible by precision-finishing machine forming recesses along the plank's lengths.

PRIMA[®]plank Shiplap can be applied as cladding material to masonry walls or to lightweight framed-wall systems.



Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)
		Length	Width	9.0
	Smooth & Woodgrain	3660	150	•
			170	

PRIMA[®]plank Ceiling

Available in two surface textures; "Smooth" and "Woodgrain". **PRIMA[®]plank Ceiling** adds a stylish touch to the modern tropical architectural structures; it gives you the warmth and beauty of natural timber looking ceilings without the expense and environmental concerns of using traditional forest timbers.





Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)
		Length	Width	9.0
 	Smooth & Woodgrain	3660	75	•
			&	
			100	

PRIMA[®]plank Skirting

Decorate the wall-to-floor intersections with **PRIMA[®]plank Skirting**. In areas where floors are prone to intermitted wetting, **PRIMA[®]plank Skirting** serves as a better solution compared with natural timber product.



Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)	
		Length	Width	9.0	12.0* NEW
 	Smooth & Woodgrain	3660	50	•	
			75	•	•
	Square Edge		100	•	•

*12.0mm thickness only available in Smooth surface texture

PRIMA^{plank} Gate & Fencing

Available in two surface textures namely "Woodgrain" and "Smooth". When highly durable decorative gate or fencing material has been specified, **PRIMA^{plank} Gate & Fencing** material satisfies virtually all of the design pre-requisites. 3 profiles are available: **Square, Round & Summit**.



Profile	Surface Texture	Sheet Sizes (mm)		Thickness (mm)		
		Length	Width	7.5	9.0	12.0* NEW
	Smooth & Woodgrain	1200	133 & 158	•	•	
		1500		•	•	
		1800		•	•	
		2400		•	•	
		3000		•	•	•

*12.0mm thickness only available in Smooth surface texture, Square and Round profiles

PRIMA^{plank} Decking

Manufactured using a precision cutting technology, **PRIMA^{plank} Decking** is ideal for decking, flooring & steps application. **PRIMA^{plank}** strips are lightly chamfered along their length resulting in a neat inverted 'V' shape lines along the strip's joints. Ideal for pool decking and landscape walkways.




Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)	
		Length	Width	25.0 NEW	
	Smooth	3660	150	•	

Additional coat of **Nippon Slate Finish** or **PU Recoatable Finish** is required for floor decking.

PRIMA^{plank} Screening

PRIMA^{plank} Screening allows you to create a private oasis anywhere outdoors. Private courtyards, cosy outdoor living areas and stunning garden features can be created with this sleek product, adding contemporary style to your development. It can also be used to hide unsightly infrastructures like water tanks, air-conditioning equipment and etc.



Surface Texture	Edge Detail	Sheet Sizes (mm)		Thickness (mm)		
		Length	Width	9.0	12.0 NEW	25.0 NEW
	Smooth	3660	50		*	
			75	*		
			100	*		*

PRIMA^{plank} Klassik 12.0mm and 16.0mm can also be used for screening applications

Accessories



Self-Embedding Head, Self-Drilling Screws
[For fixing **PRIMA^{plank}** to galvanised light gauge steel thickness of 0.55mm to 1.2mm]
No. 8 x 30mm & No. 8 x 45mm



Self-embedding Head, Self- drilling 'Wing Tek's' Screws

[For fixing **PRIMA^{plank}** to galvanised light gauge steel thickness of 0.8mm to 1.6mm]
No. 8 x 1/8"



PVC Jointer
[For jointing 7.5mm thick **PRIMA^{plank} Klassik** when off-support end joints are preferred]
Smooth Texture: 230mm and 300mm standard length



Galvanised Wire Nails

[For nailing to timber support where nail heads to remain exposed external side]
2.8mm Diameter x 30mm and 40mm long



Flat Head Roofing Nails
[For nailing to timber support where nail heads to be concealed by the successive planking]
2.8mm Diameter x 30mm long and 40mm long



Sealant Gun

[Tool for extruding sealant from its cartridge]



Paintable/Flexible Polyurethane Sealant
[For sealing gap at plank joints]
300mL cartridge



Exterior Grade Water-Based Acrylic Painting
[Top coats for finishing **PRIMA^{plank}** exposed surface]

Note: The exact specification of these products or their standard packaging may be different. Refer to the respective manufacturers for details and recommendations.



Termite Resistant



Fire Resistant



Water Resistant



Weather Resistant



Environmentally Friendly



Superior Paint Adhesion



High Workability



Aesthetically Pleasing



50 Years Durability

Hume Cemboard Industries

A Member of the Hong Leong Group

