

**PreFur**  
BOARD

Designed for  
A Greener Future,  
Preferred by  
Professionals

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# Material Matters.

**PreFur**  
BOARD

NON-Formaldehyde





In every great space, what you see matters.  
But what you build on matters even more.

**SHYNE PreFur Board** is a next-generation **Natural Plant Fiber (NPF) board** engineered as a premium substrate and backing for built-in furniture and interior applications—where surface finish, dimensional stability, and indoor well-being matter.

Designed for the realities of modern spaces, SHYNE PreFur Board supports a wide range of finishing systems while maintaining confidence in demanding environments supporting greener specifications without compromising what matters on site including performance, finish quality, and reliability.

Designed for a Greener Future, Preferred by Professionals

- 
**Water Resistant**  
Performs reliably in humid interiors and wet-area applications.
- 
**Termite Resistant**  
Worry free from termites – helping protect your work from the inside out.
- 
**Indoor Air Safety**  
Developed to support healthier indoor living environments.
- 
**VOCs Free Core**  
A cleaner core material for more responsible interior spaces.
- 
**Anti-Fungal Protection**  
Helps resist mold and fungal growth in moisture-prone conditions.
- 
**Easy Machining**  
Cuts, drills, and routes cleanly for precise fabrication.
- 
**Finishing Versatility**  
Designed to support a wide range of surface finishing systems.
- 
**Upcycled Plant Technology**  
Upcycling plant-fiber innovation enabling a more sustainable material choice.
- 
**Long-Lasting Performance**  
Built for lasting durability in real-world interiors.



# Why **PreFur** BOARD

Sustainable materials aren't a trend—they're a new baseline.



## **Built for wet-area reality**

Humidity happens. PreFur Board is made to handle it—helping reduce swelling-related headaches and finish failures in moisture-prone spaces.



## **Non-Formaldehyde grade for healthier interiors**

A cleaner choice for projects that care about indoor air safety—especially homes, condos, hospitality, healthcare, and schools.



## **Design-friendly fabrication**

Cut, drill, route, assemble—PreFur Board is made to be machined cleanly and finished beautifully.



## **Naturally smarter, visibly more responsible**

Upcycled / plant-based innovation that strengthens your sustainability story without sacrificing performance.

## **KEY BENEFITS**

### **For Designers & Specifiers**

*Design with intention. Specify with certainty.*

- Supports forward-thinking Healthy Living concepts
- Contributes to enhanced indoor air quality standards
- Enables refined architectural expression without harmful emissions

### **For Furniture Installers**

*Build in comfort. Deliver with assurance.*

- No harsh chemical odors — even in enclosed environments such as condominiums
- Minimal airborne dust for a cleaner, more comfortable workspace
- Reduced irritation from chemical exposure
- Faster project handover — no waiting for residual smells to dissipate

### **For Homeowners & Residents**

*Every breath your loved ones take matters.*

- 100% Non-Formaldehyde, supporting Healthier Indoor Living
- No sharp chemical odors or eye irritation
- Earlier occupancy with greater confidence
- Safe for children, the elderly, and pets



## APPLICATION

### Furniture & Built-ins

- Kitchens, wardrobes, vanity units and storage systems
- Decorative panels and custom joinery

### Interior Works

- Wall cladding and feature walls (as substrate)
- Partitions and interior zoning systems
- Commercial fit-out and turnkey projects

### Wet Area Use Cases

- Bathrooms, pantry zones and utility areas
- Any interior space where moisture performance is a key requirement

Application	4 mm.	9 mm.	18 mm.
Countertop			•
Edges, Frames			•
Backing of cabinets and drawers	•		
Cabinet/Wardrobe panel			•
Ceiling		•	
Interior Wall		•	

**PreFur**  
BOARD



### Thickness

- 4 mm.
- 9 mm.
- 18 mm.

### Size



2440 mm.

1220 mm.

## TECHNICAL DATA

Product Information	Unit	Thickness		
		4 mm.	9 mm.	18 mm.
<b>PRODUCT DIMENSION</b>				
Width x Length	mm.	1220 x 2440	1220 x 2440	1220 x 2440
Weight per Piece	Kg/Pc	8.3	18.8	37.5
Weight per Sq.m	Kg/Sq.m	2.79	6.32	12.60
Thickness Tolerance	mm.	4 mm ± 6%	9 mm ± 6%	18 mm ± 6%
Squareness	mm./M	< 2.5	< 2.5	< 2.5
<b>TECHNICAL PROPERTIES</b>				
<b>1. Density</b>	Kg/m <sup>3</sup>	700-800	700-800	700-800
<b>2. Strength</b>				
2.1 Bending Strength (MOR) - MD (Dry)	N/mm <sup>2</sup>	> 15	> 15	> 15
2.2 Modulus of Elasticity (MOE) - MD (Dry)	N/mm <sup>2</sup>	> 10	> 10	> 10
2.3 Toughness - MD (Dry)	J/m <sup>2</sup>	> 60	> 60	> 60
2.4 Internal Bond (Dry)	J/m <sup>2</sup>	> 6000	> 6000	> 6000
<b>3. Water Resistance</b>				
3.1 Moisture of Content	%	< 2%	< 2%	< 2%
3.2 Thickness Swelling (After 24 Hr. Soaking)	%	< 1%	< 1%	< 1%
<b>4. VOCs, Formaldehyde Emission</b>				
4.1 Formaldehyde Emission (EN717-1)	mL/m <sup>3</sup>	Non-Formaldehyde		