



# SOCIETY FOR DEVELOPMENT OF COMPOSITES

## Composites Technology Park



(An R&D Centre established with the Support of Dept. of S&T, BMTPC and HUDCO of Govt. of India and Dept. of C&I, KHB and RGRHCL of Govt. of Karnataka)



- 1. Natural Bamboo Laminate Sheets/Boards (PU Polish/Paint)*
- 2. Natural Bamboo Decorative Laminate Sheets/Boards*
- 3. Natural Bamboo 3D Laminate Sheets/Boards*
- 4. Natural Fibre Carbon Fibre/GI Hybrid Composites*
- 5. Honeycomb & PUF Sandwich Panels*



**KVQA ISO 9001 Certified**



**Member, Green Building Council**



**Dr. R. Gopalan**  
**VP & CEO**

*Pioneering Innovations in  
Eco-friendly Materials and Products*

# **Natural Bamboo Laminate Sheets/Boards(PU Polish/Paint)**

**Eco-Friendly and Sustainable , Interior and Exterior Grade**

*(Standard size: 1200 mm x2400 mm x 1.5/3.0/4.0 mm)*



***Natural Bamboo with PU Coated***





***1.5mm Natural Bamboo Mat Flexible Board with PU Coated***

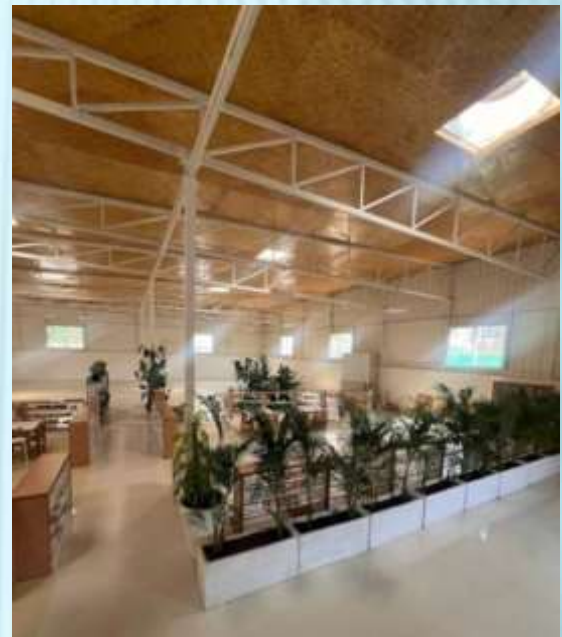


## **NATURAL BAMBOO BOARD FALSE CEILING**

*(Standard Size; 4 ft x 8 ft x 4.0 mm)*







***Bamboo Mat Board False Ceiling***



## **NATURAL FLATTEN BAMBOO PANEL**

*(Standard Size; 4 ft x 8 ft x 145.0 mm)*



## NATURAL BAMBOO ROOFING SHEET

*(Standard Size; 4 ft x 8 ft x 5.0 mm)*



***Bamboo Roofing Sheet with graphene Based attractive paint colors***

**Description:** Bamboo mat board is manufactured using manually hand woven by rural women, PF resin impregnated and hot compression molded by press using aerospace spinoff technology. The product is Eco-Friendly, sustainable and confirming to :( IS: 13958-1994)

**Properties:** Light weight, High strength and stiffness, HT cured, moisture resistant, non corrosive, termite proof, thermal /electrical/acoustic insulation, impact resistant.

**Application:** Light Weight roofing for chemical industry, resorts/cottages, roof top, public buildings, parks etc.

**Superior Quality:** Bamboo roofing sheets are available with graphene based attractive paint/polish.



## NATURAL BAMBOO WALL CLADDING

*(Standard Size; 4 ft x 8 ft x 5.0 mm)*



### *Bamboo Roofing Sheet with graphene Based attractive paint colors*

**Description:** Bamboo mat board is manufactured using manually hand woven by rural women, PF resin impregnated and hot compression molded by press using aerospace spinoff technology. The product is Eco-Friendly, sustainable and confirming to :( IS: 13958-1994)

**Properties:** Light weight, High strength and stiffness, HT cured, moisture resistant, non corrosive, termite proof, thermal /electrical/acoustic insulation, impact resistant.

**Application:** Light Weight roofing for chemical industry, resorts/cottages, roof top, public buildings, parks etc.

**Superior Quality:** Bamboo roofing sheets are available with graphene based attractive paint/polish.



# NATURAL FIBRE GLASS FIBRE HYBRID COMPOSITES

*(Standard Size; 4 ft x 8 ft x 5.0 mm)*



**Thickness = 4.2mm – 7.5mm**

**Description:** Bamboo-Carbon fiber Composite (M) sheets are manufactured by combining woven NF-B and carbon fiber, resin impregnated and hot compression molded using aerospace spinoff technology. The product is Eco-Friendly and sustainable.

**Properties:** Carbon fiber composite laminated NF-B sheets are superior quality, light weight, high strength, water/moisture resistant, non corrosive, termite proof, thermal /electrical insulation, impact resistant.

**Applications:** drone, aerospace, marine, defense application, furniture, boat/ship building, indoor and outdoor architectural cladding, aircraft, defense, railways, automobile parts etc.

## NATURAL FIBRE GI HYBRID COMPOSITES

*(Standard Size; 4 ft x 8 ft x 5.0 mm)*



**Thickness = 2.7mm – 5.0mm**

**Description:** GI –NF-B Laminated sheets are hot compression molded using aerospace spinoff technology. Using structural adhesive and hot pressed. The product is Eco-Friendly and sustainable.

**Properties:** Light weight, High quality, HT cured, Boil water/moisture resistant, non corrosive, termite proof, thermal /electrical insulation, impact resistant.

**Applications:** Flooring, furniture, bulkheads, cabinets, built-in furniture, bunk beds, hatch cover and more for boat/ship building, laser cutting indoor and outdoor architectural cladding, aircraft, defense, railways, automobile parts etc.





*Natural Bamboo with PU Paint*





*Polyurethane Paint Coated Sheets*







***Natural Flexible Bamboo with PU Paint***



**Description:** Natural Bamboo laminate board is manufactured using high quality woven bamboo with PF resin impregnated and hot compression molded using aerospace spinoff technology. The product is Eco-Friendly and sustainable.

**Properties:** Light weight, High quality, HT cured, Boil water/moisture resistant, non corrosive, termite proof, thermal /electrical insulation, impact resistant.

**Application:** Laminating over plywood for interior decoration and furniture application. Can be cut by conventional wood working, CNC etc. and compatible to bond using conventional glues for plywood. It can be painted /polished for aesthetic architectural cladding. It can be used in aircraft, defense, railways, and automobile application.

# **Natural Bamboo Decorative Laminates**

**Eco-Friendly and Sustainable , Interior and Exterior Grade**  
(Standard size: 1200 mm x2400 mm x 1.5/3.0/4.0 mm)



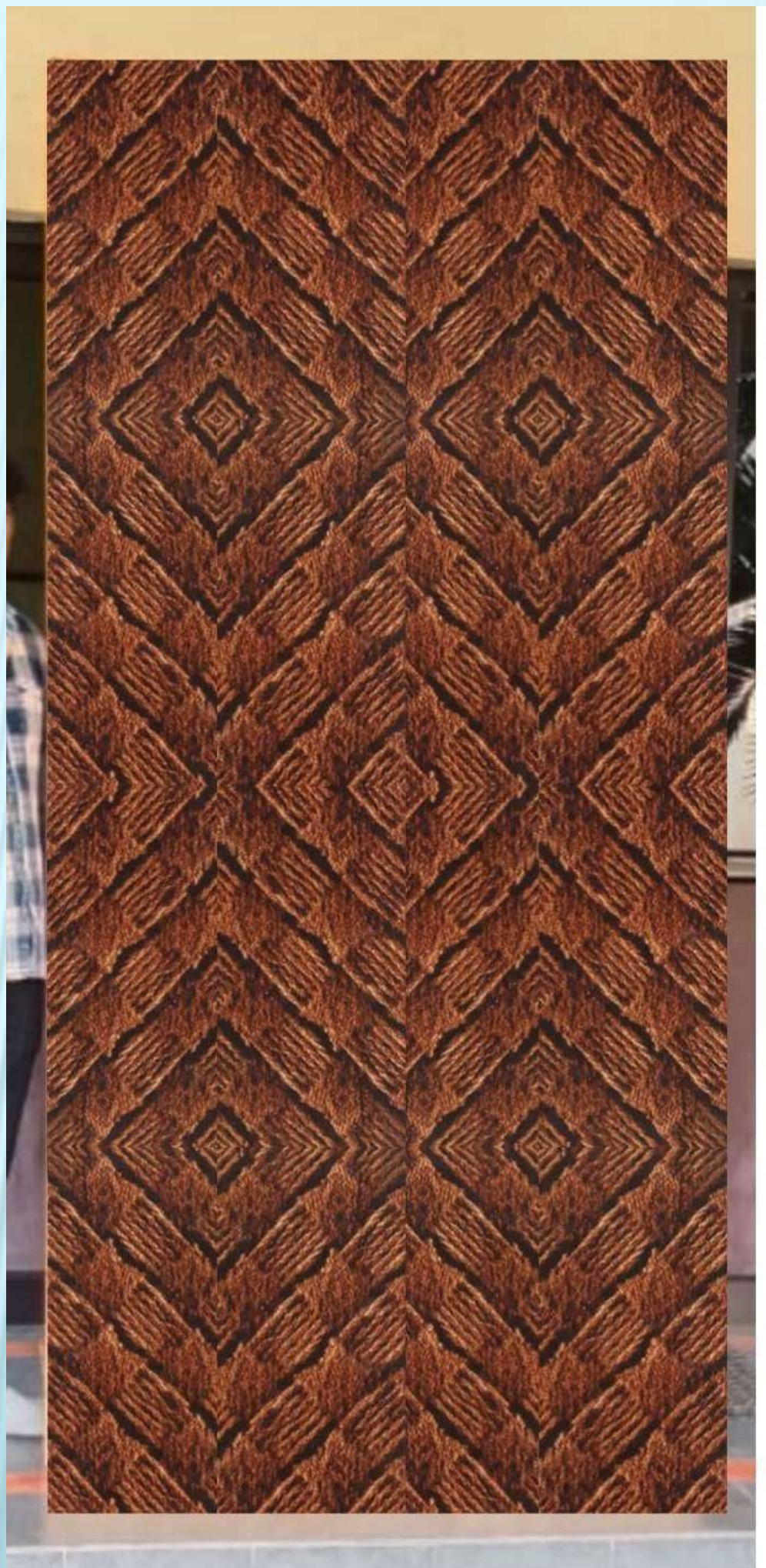




















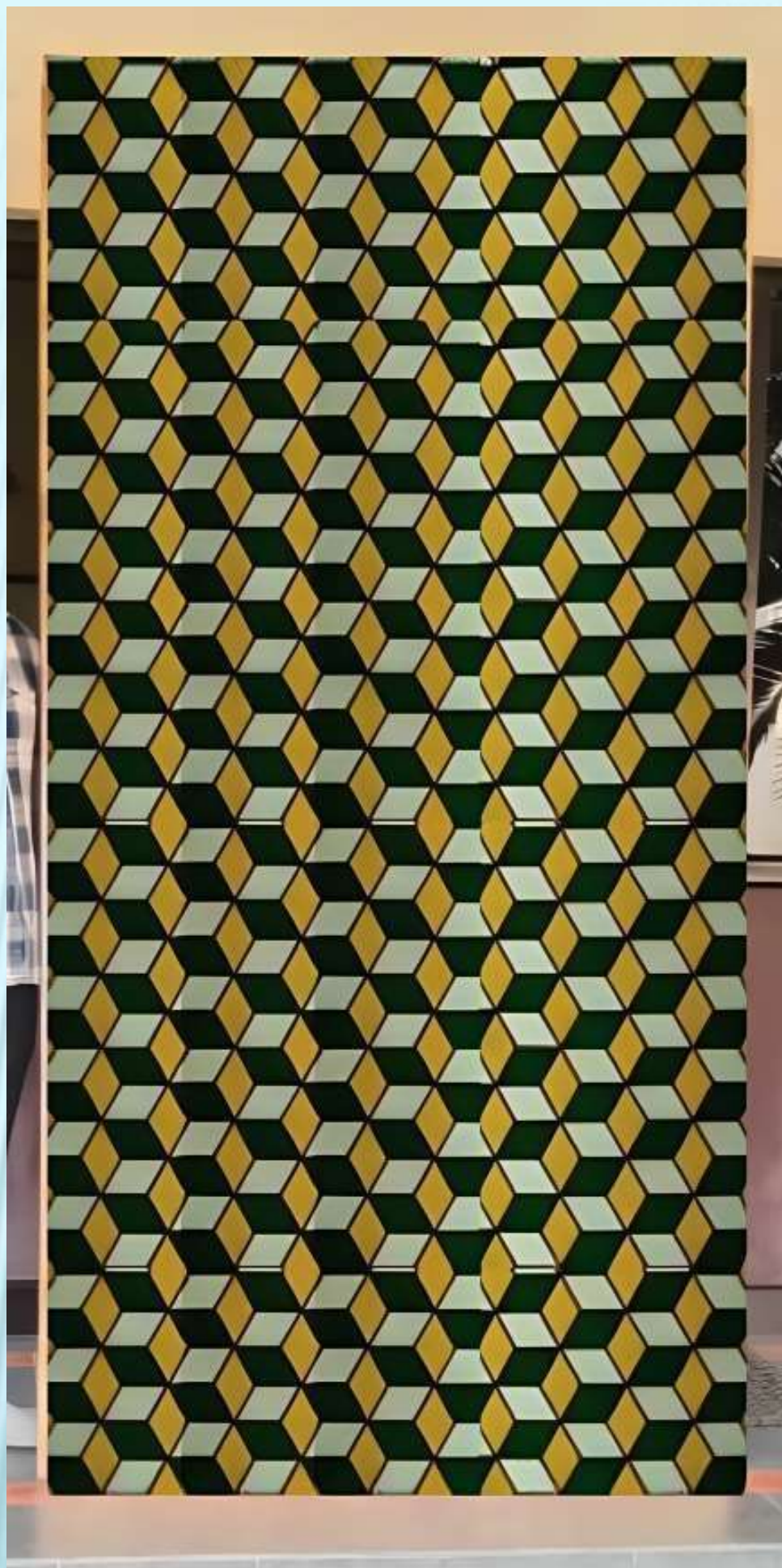






























**Description:** Natural Bamboo Decorative laminates are manufactured using high quality bamboo combined with hot cured polymer and hot compression molded using aerospace spinoff technology. **The Product is Eco- Friendly and Sustainable.**

**Properties:** High strength, Light weight, unbreakable, fire retardant, boil water/moisture resistant, non-corrosive, termite proof, thermal/electrical insulation, impact resistant. Suitable for exterior application. Does not require polish or paint.

**Application:** Interior and exterior decoration for residential & commercial buildings, resorts/cottages, beaches, high altitude, desert , exterior wall, roof ceiling, furniture etc.

# Natural Bamboo 3D Laminate Sheets for Wall Panel

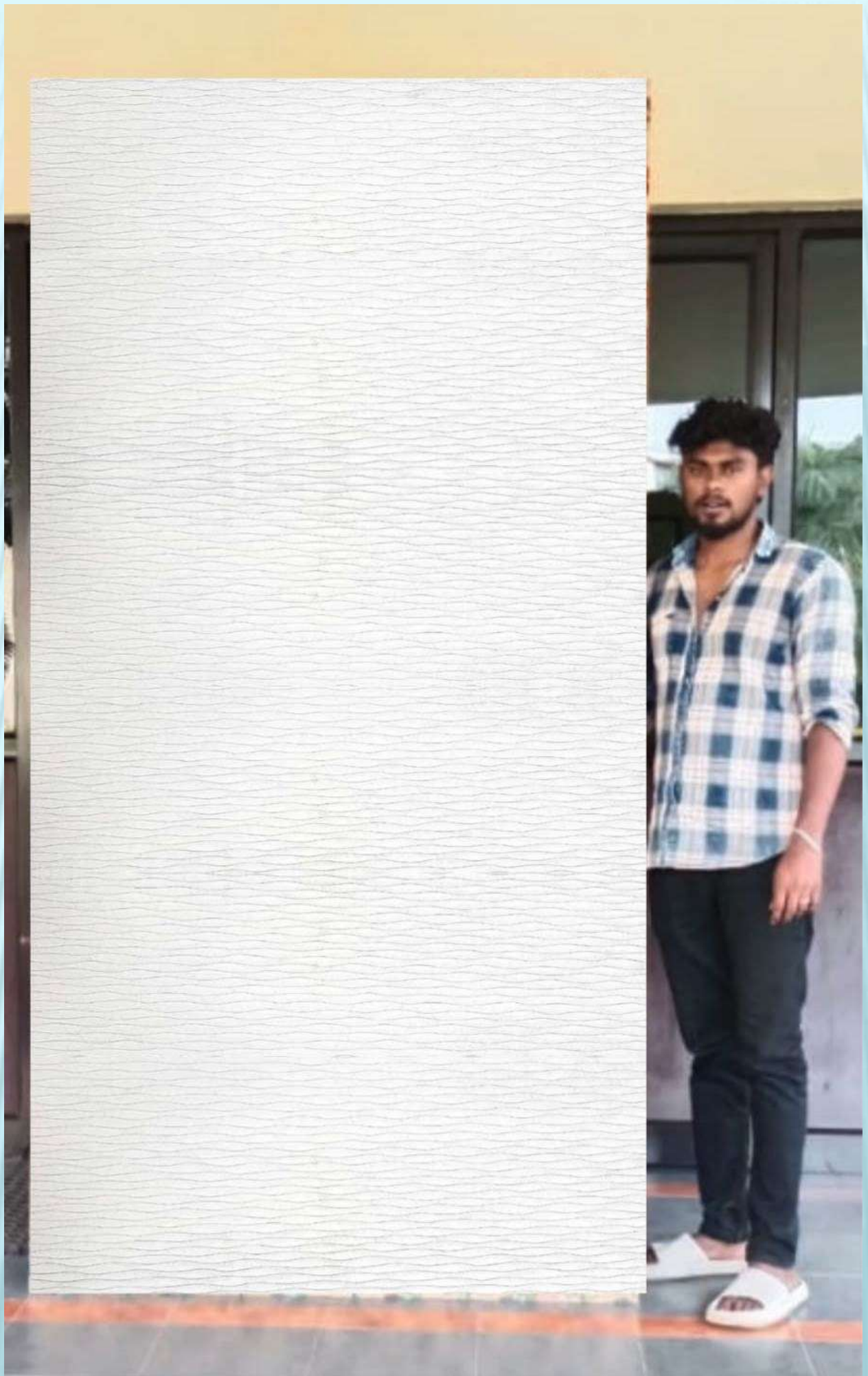
**Eco-Friendly and Sustainable , Interior and Exterior Grade**

*(Standard size: 2 ft x 4 ft, 4 ft x 4 ft, 4 ft x 8 ft x 4.0 mm)*











# Natural Bamboo 3D Laminate Sheets for Floor Panel

**Eco-Friendly and Sustainable , Interior and Exterior Grade**

*(Standard size: 2 ft x 4 ft, 4 ft x 4 ft, 4 ft x 8 ft x 4.0 mm)*

















**Description:** Natural Bamboo 3D laminates are manufactured using high quality bamboo combined with hot cured polymer and hot compression molded using aerospace spinoff technology. **The Product is Eco- Friendly and Sustainable.**

**Properties:** High strength, Light weight, unbreakable, fire retardant, boil water/moisture resistant, non-corrosive, termite proof, thermal/electrical insulation, impact resistant. Suitable for exterior application. Does not require polish or paint.

**Application:** Interior and exterior decoration for residential & commercial buildings, resorts/cottages, beaches, high altitude, desert , exterior wall, roof ceiling, furniture etc.

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# Honeycomb & PUF Sandwich Panels

Eco-Friendly and Sustainable , Interior and Exterior Grade

(Standard size: 4 ft x 8 ft x 10mm to 50.0 mm)



**Natural Bamboo Honeycomb Sandwich Panel**



**GI-PUF Sandwich Panel**





**Aluminium-PUF Sandwich Panel**



**Carbon Fibre-PUF Sandwich Panel**



**Description:** Bamboo, GI, Aluminium, Carbon Fibre-Polyurethane Sandwich Panels are advanced composite materials designed for applications that require a light weight, high strength, fire and water resistance and Boil Water Resistance , thermal and acoustic properties, lightweight structure, and excellent surface flatness. The Sandwich are eco-friendly composite panels designed to combine natural aesthetics with high structural performance. They are made by sandwiching a lightweight PUF core—typically aluminium, paper, or cardboard—between two layers of high-quality Bamboo, GI, Aluminium, Carbon Fibre. This results in a panel that offers the beauty of natural Fibre along with exceptional rigidity and reduced weight.

**Properties:** Light weight, High strength and stiffness, HT cured, moisture resistant, non corrosive, termite proof, thermal /electrical/acoustic insulation, impact resistant.

**Application:** Bamboo, GI, Aluminium, Carbon Fibre Polyurethane(PUF) Sandwich Panels find use in various spaces like Flooring , Wall Cladding , False Ceiling, offices and music venues. They localize noise in specific areas, improving sound quality.

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## **Dealers and Distributors Wanted**

**For Further Details Please Contact**

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