

# vivre PANELS



**INSULATED SOFTBOARD (BAGASSE FIRBEBOARD)**



# ABOUT US



## Journey

Journey that began with a plywood manufacturing unit in East India some 30 years ago, which is still going strong.



## Expansion

Expanded into import and mass-market supply of related ply-panel products, veneers, PVC and premium decoratives.



## Infrastructure

Set up of centrally-managed regional warehouses and dealers for a pan-India infrastructure : Delhi, Chennai, Kolkata, Hyderabad and Gandhidham.

[www.vivrepanels.com](http://www.vivrepanels.com)

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# INTRODUCTION OF INSULATED SOFTBOARD

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## Composition and Manufacture:

Bagasse is reduced to fibres which are then felted to form a continuous sheet. After cutting to approximate size, the sheets are passed through a drying oven. These sheets are trimmed to board sizes.

Improved acoustic properties are obtained by grooving insulating boards to part of their depth in various patterns.

## Weight:

Weight of boards varies according to brand. Typical weights ( $\text{kg/m}^2$ ) are 2.5-2.7 for 9mm thickness, 3.2-3.7 for 12mm, 4.4-5.4 for 18mm, and 6-7.5 for 25mm.

## Density:

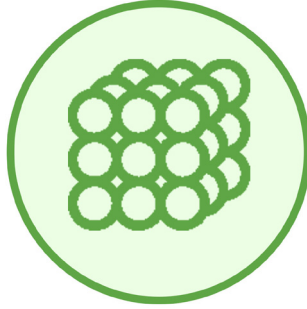
Generally within the range of 230 to 330  $\text{kg/ml}$  IS 3348 maximum is 400  $\text{kg/m}^3$   
BS 1142 maximum is 359  $\text{kg/m}^3$

# FEATURES

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Sound  
Absorption



High  
Density



Water  
Absorption



Bending  
Strength



Thermal  
Conductivity

# AVAILABLE THICKNESS

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**STANDARD SIZE - 8ft x 4ft**

**ONE SIDE LAMINATED - 8mm, 10mm**

**BOTH SIDE LAMINATED - 10mm**

# STRUCTURAL PROPERTIES

Property	Thickness	Range of Values	IS 3348-1965 min. Value
Density		270-330	400 max.
Modulus of Rupture (kg/cm <sup>2</sup> )	9		20
	12		20
	18		16
	25		16
Tensile Strength (kg/cm <sup>2</sup> )			
Parallel to surface			
Perpendicular to Surface	12	15	30
	12	3	30
Water Absorption (2hrs)	9		25
	12		25
	18		
	25		

# SOUND ABSORPTION CO-EFFICIENT

Frequency C/S	Absorption Co-Efficient
125	0.1
250	0.1
500	0.2
1000	0.3
2000	0.5



# INSULATED SOFTBOARD APPLICATIONS

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- Packaging
- Flooring
- Wall Panels
- Furniture
- Partition
- Interiors



# PRODUCT CATEGORIES



- Flexible Plywood (MLH / Gurjan)
- Birch Plywood
- Rubberwood Finger Joint Board
- Keuring (Gurjan) Plywood
- Oriented Strand Board (OSB)
- Laminated (Melamine) Plywood
- MDF
- Insulated Softboard (Pin Board)
- Malaysian Solid Wood Door



- Teak Veneers
- Reconstituted Veneers
- Imported Veneers (< 4 mm)
- Exotic Veneers (.55+)





## VIVRE PVC

- Vivre PVC Foam Boards
- Vivre PVC Solid Doors
- Vivre PVC Grill Boards (CNC Jalis)



## VIVRE DECOR

- Vivre Profiles
- Vivre PETG Sheets
- Evowood: Solid Wood Panels
- Vivre PVC Marble Sheets
- Vivre Louvers
- Vivre WPC Exterior Profiles

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**Note:**

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