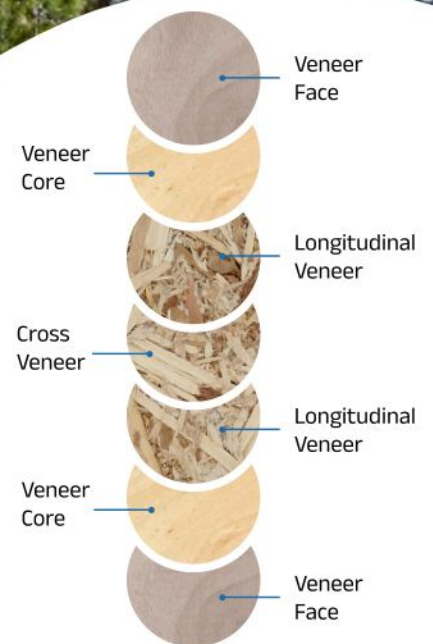
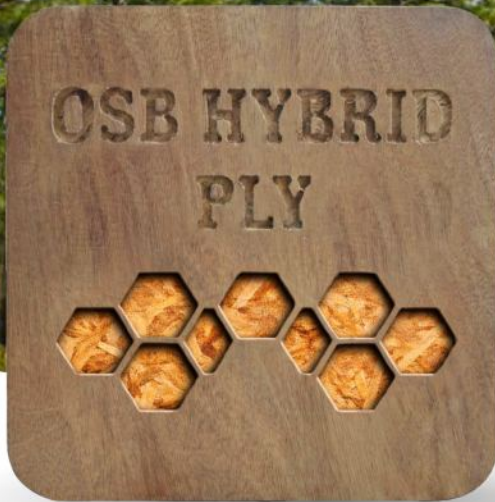




STRANDPLY™
OUTDOOR THE NEW



STRANDPLY OSB HYBRID PLY

Product Description

Strandply OSB Hybrid Ply is a revolutionary wood panel product designed to exceed the performance of traditional ply like plywood, MDF, and other similar boards. Engineered with precision and care, Strandply OSB is not only a superior alternative but also brings unique advantages to the Indian market. Crafted with sustainability in mind, it supports local farmers and promotes environmental stewardship, setting a new benchmark in wood paneling solutions.

Product Features



High Density
Value



MR Grade



High Screw
Holding



High Load
Bearing Capacity



Fungus
Resistance



ISPM - 15
Approved



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Product Applications & Benefits



Sofa Frames



Pallets



Film Studio



Packaging box



Low Cost Furniture



Temporary Structure



Marriage Events



Exhibition Stall

Unique Features



Thickness range **11mm - 25mm**



Tolerance **+/- 0.75 mm**



Dimensions **2440 x 1220 mm.**



For superior environmental performance **E0 Grade Certified (Optional)**



Made from **Plantation timber, ensuring sustainability.**



Making it ideal for various applications. **High screw-holding capacity**



Constructed from **Veneer Core and longitudinal cross-cut veneers Strand for enhanced durability**

Benefits of Strandply OSB Hybrid Ply



Unmatched Strength and Precision

Exceptional strength and durability, surpassing traditional wood panels.



Eco-Friendly

Environmentally friendly, using plantation timber and supporting zero-forest wood practices.



Reliable Construction

High screw-holding capacity enhances the longevity and reliability of constructions. Supports local economies by providing a secondary income source for farmers.



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Hybrid Plyboard Test Result & Construction With OSB (As per IS:19267:2025) for Load Bearing :

Sl. No.	Description	Unit	Prescribed Value for Is:19267		Obtained Value for Hybrid	
			10mm-18mm	18mm-30mm	10mm-18mm	18mm-30mm
1.	Length	mm	±5mm/mtr	±5mm/mtr	±2mm/mtr	±2mm/mtr
2.	Width	mm	±5mm/mtr	±5mm/mtr	±2mm/mtr	±2mm/mtr
3.	Thickness	mm	±0.8mm	±0.8mm	±1.0mm	±1.0mm
4.	Edge Straightness	mm	2.0mm/mtr	2.0mm/mtr	1.5mm/mtr	1.5mm/mtr
5.	Squareness Tolerance	mm	2.0mm/mtr	2.0mm/mtr	1.5mm/mtr	1.5mm/mtr
6.	Density	kg/m ³			720-730	680-710
a.	Density Variation Within Board Max.		±10%	±10%	±4.0%	±4.0%
7.	Moisture Content	%	5%-15%	5%-15%	5%-7%	5%-7%
8.	Modulus of Rapture Min,					
a.	Major Axis	N/mm ²	16.00	14.00	25.00	20.00
b.	Minor Axis	N/mm ²	8.00	7.00	16.00	16.00
9.	Modulus of Elasticity Min,					
a.	Major Axis	N/mm ²	2250	2250	4000	4500
b.	Minor Axis	N/mm ²	1100	1100	2000	2400
10.	Internal Bond Strength Min,					
a.	Manimum Individual	N/mm ²	0.25	0.23	0.35	0.32
11.	24 Hour Thickness Swelling (Due to General Absorption) Max,					
a.	Thickness Swelling	%	22	22	10	12
12.	Screw With Drawal Strength test, Min.					
a.	Face	Newton	2200	2250	4400	4000
b.	Edge	Newton	2200	2250	4000	3500





Following results were obtained on analysis:

Test		Units	Method	Result
1.	Formaldehyde Content	ppm	ASTM D6007 - 14	0.07

Summary of Environmental Conditions and Apparatus:

Chamber Volume (V)	1m ³
Make up Air flow rate of chamber (Q)	0.68 m ³ /hour
Air Exchange rate (N= QV)	0.68
Total Surface area of sample (A)	0.583 m ²
Loading Ratio (L= A/V)	0.583 m ² / m ³
Ratio of air flow through the chamber to sample surface area (N/L or Q/A)	1.17 m/hour
Chamber Temperature	25°C
Chamber Humidity	50 %
Barometric Pressure (P)	98 KPa
Absorbing Media Volume (Va)	20 m
Air Sample flow rate (R)	1 LPM
Sampling Duration (t)	30 Minutes



**Universal Testing
& Research Centre**

A division of Sustainable Stewardship Pvt. Ltd.

Choose Strandply OSB. Choose Versatility And Reliability.

Contact us now to explore how our innovative solutions can safeguard your assets.
Let's elevate your packaging together!



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