

Plywood

Calibrated  
Plywood

Block Board

Pre Laminated  
Plywood

Marine ply

Laminates



Strong  
And Intact



Borer Termite  
Resistance



100%  
Lab Tested





## About us

Fabworld Ply Decors Pvt. Ltd. An ISO 9001 : 2008 certified company, was in the field of manufacturing EPS since 1999. Now, Since 2018, diversified into Plywood import, Trading and Laminate pasting.

Located strategically on OMR, Chennai with state of the art processing facility spanning an area of nearly 10000 Sq.mtrs. We do laminate pasting on plywood along with plywood trading, cut to size for customized requirement.

Our inputs of high grade raw material usage ensures quality, flawless surface and consistency. It is a no compromise product. As they say, quality is long remembered.



## HIVE PLYWOOD – BWR

The durability of Eucalyptus core against any other material is well known to the user over the years. We do only Eucalyptus core and veneer. Making it a material of choice for architects and modular furniture processor. It is bonded with Melamine for that additional water resistance and keeps termites at bay.

## HIVE PRE – LAMINATED PLYWOOD

The state of the art 100 tons pressure machine ensures laminate over the plywood is well done. Like one piece. No Bubbles. Saves labour, no joint finish and saves time in execution at site.

## HIVE WATERPROOF PLYWOOD – BWP – IS 710

The highest grade of plywood. Delight to the carpenters and end users. Protection from termites. To top it all, it is 100% Gurjan. Ultimate.

## HIVE BLOCK BOARD PLYWOOD – BWP

Planks are chemically treated, seasoned, before converting them into batons and frames. No bends, super tensile strength, no gaps. This ensures all weather proof material application for the interiors.

## HIVE CALIPER – CALIBRATED PLYWOOD – BWR

We understand the importance of precision thickness of plywood into the modular processing machines and this product ensures even surface finish throughout, no core gaps, flawless finish and no breakdowns.

## HIVE SHUTTERING PLY – BWP

The compression is done twice in this one product to ensure the repetitive usages multifold times. Preservative treated. Reusability is incomparable. 10 times for sure.

### Technical Specification (IS: 710)

PROPERTY	REQUIREMENT	RESULT
Moisture Content	5-15%	7.2%
Glue Shear Strength in Dry Condition Average Min. Individual Min.	1323.9 N 1078.7 N	1450 N 1700 N
Glue Shear Strength after Wet Condition Average Min. Individual Min.	980.7 N 784.5 N	1250 N 1420 N
Glue Shear Strength in mycological test Average Min. Individual Min.	980.7 N 784.5 N	1120 N 1300 N
Tensile Strength a. Parallel to grain direction b. Right angle to grain direction c. Sum of both directions	Min 420 Kgf./cm <sup>2</sup> Min 250 Kgf./cm <sup>2</sup> Min 845 Kgf./cm <sup>2</sup>	645 Kgf./cm <sup>2</sup> 395 Kgf./cm <sup>2</sup> 1040 Kgf./cm <sup>2</sup>

### Technical Specification (IS: 710)

PROPERTY	REQUIREMENT	RESULT
Moisture Content	5-15%	8-10%
Change Caused by Humidity	Not more than 1±1 mm	Less than 0.6 mm
Adhesion of Plies	Excellent	Excellent
Water Resistant	3 hrs. at 60°C+2°C 72 hrs. at 100°C	More than 12 hrs. at 60°C More than 72 hrs. at 100°C
Mycological Test	1 cycle of 21 days	Can under go 3 cycles of 21 days each without any edge separation
Modulus of Rupture Average Min. Individual Min.	40/50 N/mm <sup>2</sup> 34/42 N/mm <sup>2</sup>	45/55 N/mm <sup>2</sup> 42/48 N/mm <sup>2</sup>
Modulus of Elasticity Average Min. Individual Min.	4000/5000 N/mm <sup>2</sup> 3400/4200 N/mm <sup>2</sup>	4500/5500 N/mm <sup>2</sup> 4200/4800 N/mm <sup>2</sup>



**FAB** WORLD  
PLYWOOD AND BLOCK BOARD

**HIVE**  
Plywood & Block Board

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AN ISO 9001 : 2008 Certified Company