



PLYWOOD

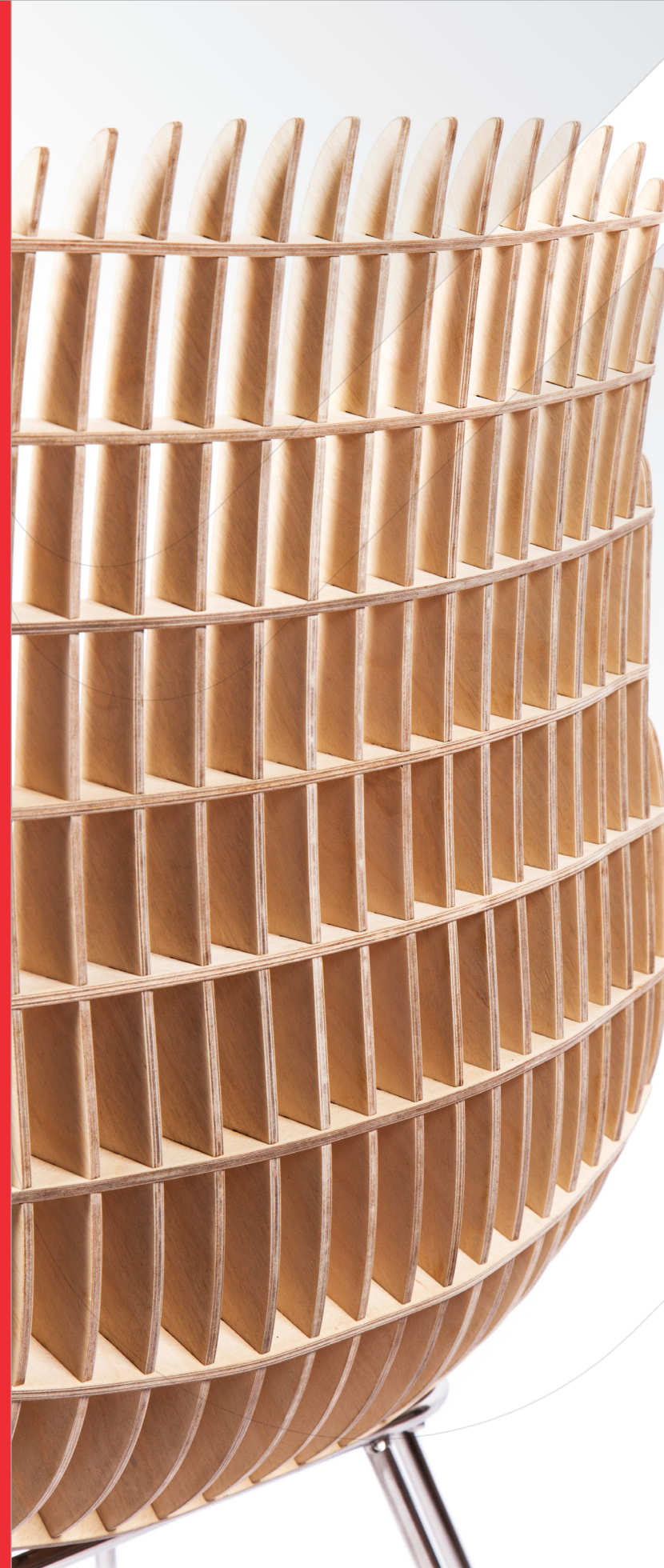
BLOCK BOARD

FLUSH DOOR

MARINE PLY

SHUTTERING PLY

MEMBRANE DOORS



ISI  
CERTIFIED

BEST  
PLY

**AVIS** PLY

PLYWOOD | BLOCKBOARD | FLUSH DOOR

**AVIS** PLY

PLYWOOD | BLOCKBOARD | FLUSH DOOR

## About Us



With a decade of rich experience, we have registered ourselves as a leading manufacturer & supplier of superior quality blockboard and plywood. Our range of products includes Plywood, Block Board, Flush Door, etc.

We quote competitive prices for our product and give prompt delivery of the consignment to satisfy our customers. The company can meet large orders with ease, as it always maintains a surplus raw material stock to meet unforeseen demands. In all these years, we have grown leaps and bounds and have made a strong foothold in this extremely competitive industry.

We procure our timber from certified logging companies and former, who grow Poplar, Gurjan, and Eucalyptus trees in their own fields as plantation timber. Apart from state-of-the-art infrastructure, fitted with modern machines, we are supported by a team of dedicated and highly experienced professionals, which has played an instrumental role in scaling the company to new heights.

We are not only an ISO Certified Company but are the manufacturer of one of the strongest brand in the trade, We promise to save you from the problems related to plywood. We are one the oldest and well-known company for manufacturing strong Plywood & Block Board and KAVIS PLY Products saves you from all these problems because of our well-managed management, that is having ISI certification, most experienced staff and the most versatile products are used to manufacture the best plywood in India.



## MR/BWR Grade Plywood

During manufacturing KAVIS PLY takes a number of preventive and corrective measures to maintain quality.

The use of condensed resin prepared for a hi-tech manufacturing plant is the key point to enhance the life of plywood.

The use of modern hardness and additives provide enormous stability and balance to the entire product range of KAVIS PLY.

### TECHNICAL DETAILS (IS : 303)

Property	Requirement	Result
Moisture Content	5-15 %	6-10 %
<b>Shear Strength in Dry State</b>		
Average Min	1350 / 1000 N	1600 / 1300 N
Individual Min	1100 / 800 N	1400 / 1000 N
<b>Shear Strength in Wet State</b>		
Average Min.	1000 / 800 N	1300 / 1000 N
Individual Min.	800 / 650 N	1000 / 900 N
<b>Shear Strength in Mycological Strength</b>		
Average Min.	1000 / 800 N	1300 / 1000 N
Individual Min.	800 / 650 N	1000 / 900 N



## Marine Plywood

**KAVIS PLY**

KAVIS Marine Ply is manufactured from special hardwood veneer and is bonded with undiluted Phenol Formaldehyde Resin at extremely high temperature and pressure.

Therefore, this plywood can take extreme changes in temperature, humidity, and alternate wetting and drying which are all the prerequisites for plywood used in marine applications.

Being powder proof it guarantees protection against borer & termites. Dues to its nature of the application it is made to resist fungal and micro bacterial attacks also. This marine plywood is strong enough to withstand the excess load, thrust, and vibrations. it is dimensionally stable and an ideal choice for high-quality projects.



WATER PROOF



BEST DURABILITY



ECO FRIENDLY



STRONG



ALL WEATHER RESISTANCE

**KAVIS PLY**

## Block Board Plywood



Also available  
**Pinewood Filler + Gurjan Core**

KAVIS Block Board is made out of the excellent quality of plantation timber. SDR method is used for making battens and frame, this method provides straight longer size battens and frame to ensure no gaps in this product.

Planks are chemically treated in the tank and later seasoned according to scheduled temperature and humidity control chart before converting into battens and frames.

TECHNICAL DETAILS (IS : 1695)		
Property	Requirement	Result
Moisture Content	5-15 %	8-10 %
Change caused by humidity	Not more than±1mm	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
Mylogical Test	1 Cycle of 21 days	Can under go 3 cycles of 21 days each without any edge seperation.
Modulus of Rupture Average Min. Individual	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	4000 / 5000 N/mm <sup>2</sup> 3400 / 4200 N/mm <sup>2</sup>	4000 / 5000 N/mm <sup>2</sup> 4200 / 4800 N/mm <sup>2</sup>

## Flush Door Plywood



KAVIS Flush Door is a durable product for its excellent quality, exceptional finish, and unique dimensional stability. It is made of selected hardwood frames and accurate battens. It is evenly constructed with the same species of timber that matters the most in providing longer life.

FLUSH DOOR (IS : 2002 : PART - 1 : 1999 )		
Test	Specified Value	Observation Value
Dimension	Length Width +5 mm Thickness +1 mm	With in Limits
Squareness	Deviation Not more than 1 mm	Deviation below 1mm
General Flatness	Twist, Cupping, Warping not to exceed 6mm	
Local Planeness	Depth of Deviation at any point to be less than 0.5 mm	With in Limits
Impact Inden. Test	Depth of Indentation not be exceed 0.2 mm	With in Limits
Edge Loading Test	Deflection of edge with Max. to be less than 5 mm	With in Limits

## Membrane Plywood



## shuttering Plywood

KAVIS Shuttering Ply is blend of durability and longevity. it is manufactured by veneering attentively and cautiously, the selected hardwood timber and is bonded with specially formulated superior quality Phenol Formaldehyde synthetic resin (as per IS : 848 : 2006). In the next phase it is compressed in the hydraulic hot process with high pressure and temperature to make the bonding strong and in-seperable.

This Shuttering Ply is functional in all kinds of Factories and Building, Sewer construction, Construction of Swimming pool, beam and every construction and foundation job.



BWP Grade / MR Grade

