Quality is Success

Plywood & Boards

WOODLAND

www.woodlandply.com

Wood Land

Plywood & Block Boards

Woodland board is a company occupying prime place in the list of fast growing companies in the plywood industry in India. Woodland boards has set new benchmark in plywood industry in terms of quality and professionalism in service. Company has 35 years of experience in molding wood and cajoling wood into numerous applications with precision and professionalism.

With the use of latest machinery and technology, dedication of experienced man power and managed by highly qualified team, Woodland Board manufactures wide range of products which includes plywood, block board ,flush doors , high density film faced plywood, durable hard wood lumbers and other specifications.

Woodland Boards is well recognised for their premium grade plywoods. Woodland plywood is made of carefully selected durable species of wood from the dense forest of western ghats of South India .These specially grown woods are bonded together with high quality resins. Each cross band Veneer is chemically treated to safe guard the attacks of all types of micro organisms or pests.

At Woodland Board, manufacturing is supervised by a team of expert and dedicated technocrats with the help of competent staff and employing latest technological facilities. The top management Executives are young qualified team of professionals who have declared their mission toward the success of the company in launching environment friendly products. Apart from maintaining a vigilant eye on quality at every stage of production, the finished products are specifically tested in well equipped modern laboratory for tensile strength, moisture content , water resistance and mycological test. Each and every sheet is passes through stringent quality inspection procedure stamped and approved by qualified professional before leaving the factory to ensure a high degree of consistency in quality which gives real value for money.

We are highly professional in the industry and our touch of dedication is felt in each range of Woodland products. Our aim is to offer quality products delivered on time at competitive prices supported by most knowledgeable staff in the industry.

We believe quality is success. As we continue to grow and expand, we will remain committed to give quality products to our valued customers.

We believe quality is never an accident
it is a result of systematic thinking and committed effort.

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An ISO 9001-2008 Certified Company

IS : 303

IS : 1659

ARCHITECT COLLECTION

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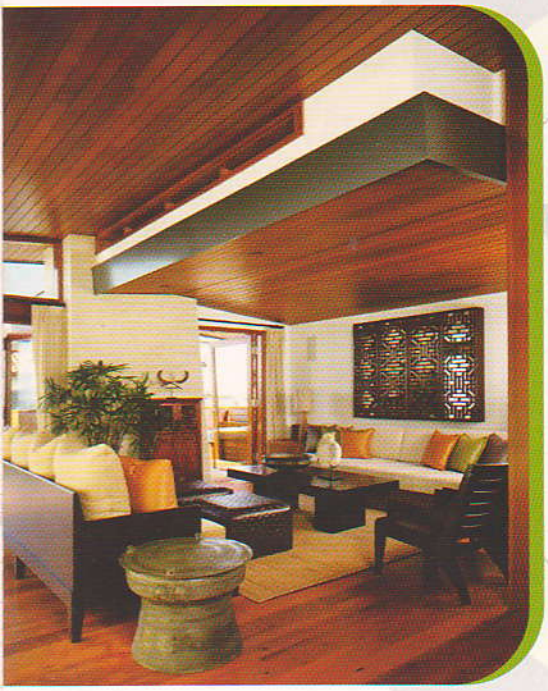
Quality is our Thinking



Durable hardwood like Gurjan, Eucalyptus, and Red cedar wood are used in manufacturing of architect collection plywood, which is naturally resistant to termite and borer. Good tensile strength with excellent bonding quality makes these species stand out among other timber used in plywood. These high density hardwood cores are bonded together with high quality phenol formaldehyde resins.

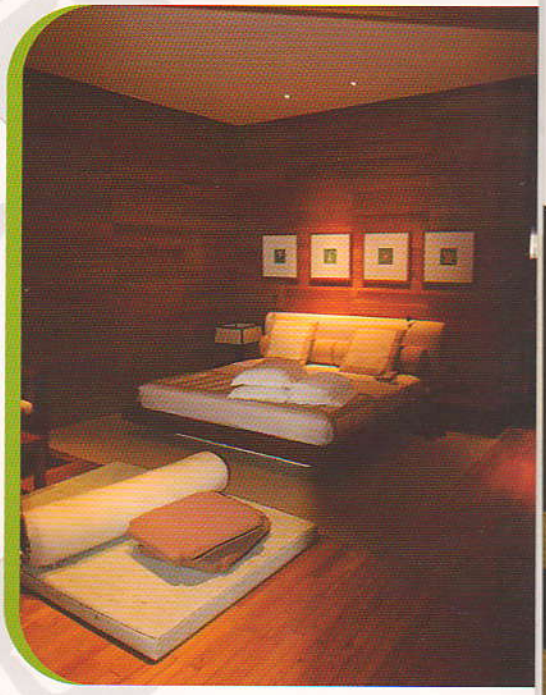
Architect Collection Plywood is available in all thickness and dimensions of Max 2440 x 1220

- 100% GURJAN
- 100% SILVER OAK
- TROPICAL HARDWOOD

Each and every sheet of plywood passes through stringent quality inspection procedure to ensure a high degree of consistency in quality which gives real value for money.
Our architect collection plywood is used in versatile furniture, trendy kitchen cabinets, interior designing, and semi exterior works. Durability of furniture and interior is guaranteed.

PROPERTIES OF 100% GURJAN PLYWOOD

Sl. No.	General-Common Properties	Normal Value	Value Obtained
1	Thickness Available in (mm)	All thickness	All thickness
2.	Dimensions available in (mm x mm)	Max. 2440 x 1220	Max. 2440 x 1220
3.	Density (Kg/m³)	800	980.5
4.	**Water Resistance Test**		
a.	Boil Cycle (6 Cycle Boiling & Drying)	Passed/no delamination	Passed/no delamination
5.	Moisture Content(%)	5-15%	9.2%
6.	Water Resistance(kg)	>100	125
7.	Glue Shear Strength(kg) - Dry	>135	161
8.	Glue Shear Strength(kg) - Dry - Mycological	>100	115
9.	Adhesion to piles	Excellent	Excellent
10.	Water Absorption Test	<5%	2.9%
11.	Screw Holding Strength (Kg)	>275	315
12.	Nail Holding Strength (Kg)	>150	180
13.	**Static Bending Strength**		
	(I) MoR (N/mm2)		
	a). Across the Grain	>30	40
	b). Along the Grain	>50	65
	(II). MoE (N/mm2)		
	a). Across the Grain	>4000	5555
	b). Along the Grain	>7500	8888
14.	Tensile Strength	>600 kg/cm2	777 kg/cm2



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Quality Speaks Itself

BOILING WATER PROOF (BWP)
BOILING WATER RESISTENCE (BWR)

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Quality is Our Passion

BWR grade plywood is manufactured using high quality phenol formaldehyde resin and selected durable hardwood. ISI standard resin is used for excellent bonding. BWR plywood is hot pressed at a high temperature of 140° centigrade. BWR grade plywood is specially made to withstand rigorous condition of climatic changes, humidity level, and moisture. It is recommended in high profile cities and towns where climatic conditions impact the interiors or where the climate variations demand good quality of plywoods.

BOILING WATER PROOF [BWP]

Hardwood with superior mechanical properties are used in manufacturing of woodland BWP plywood. Our BWP Plywood can effectively replace solid wood of higher thickness. These plywood are specially treated to resist rotting in a high moisture environment.

Our BWP Plywood will comfortably meet IS 303 water resistance requirement after immersion in boiling water for 72 hours.

PROPERTIES OF MARINE GRADE PLYWOOD

Sl. No.	General-Common Properties	Normal Value	Value Obtained
1	Thickness Available in (mm)	All thickness	All thickness
2.	Dimensions available in (mm x mm)	Max. 2440 x 1220	Max. 2440 x 1220
3.	Density (Kg/m)	700	812.4
4.	**Water Resistance Test**		
a.	Boil Cycle (6 Cycle Boiling & Drying)	Passed/no delamination	Passed/no delamination
5.	Moisture Content(%)	5-15%	11.2%
6.	Water Resistance(kg)	>100	130
7.	Glue Shear Strength(kg) - Dry	>135	150
8.	Glue Shear Strength(kg) - Dry - Mycological	>100	122
9.	Adhesion to piles	Excellent	Excellent
10.	Water Absorption Test	<5%	3.5%
11.	Screw Holding Strength (Kg)	>275	333
12.	Nail Holding Strength (Kg)	>150	185
13.	**Static Bending Strength**		
	(I) MoR (N/mm2)		
	a). Across the Grain	>30	33
	b). Along the Grain	>50	72
	(II). MoE (N/mm2)		
	a). Across the Grain	>4000	5555
	b). Along the Grain	>7500	8888
14.	Tensile Strength	>845 kg/cm2	954 kg/cm2

BWR grade plywood is in many applications that need high quality, high strength sheet material. These plywoods are resistant to cracking, breaking, shrinkage, twisting, warping and delaminating.

BWR plywood is mainly used in bathroom, kitchen cabinets, hoarding, fencing, boat building, and vehicle interior bodyworks. BWR grade plywood is frequently used in construction in coastal areas, boat & shipbuilding industry.

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Quality is our Reflection

COMMERCIAL PLYWOODS BLOCK BOARDS (MR GRADE)

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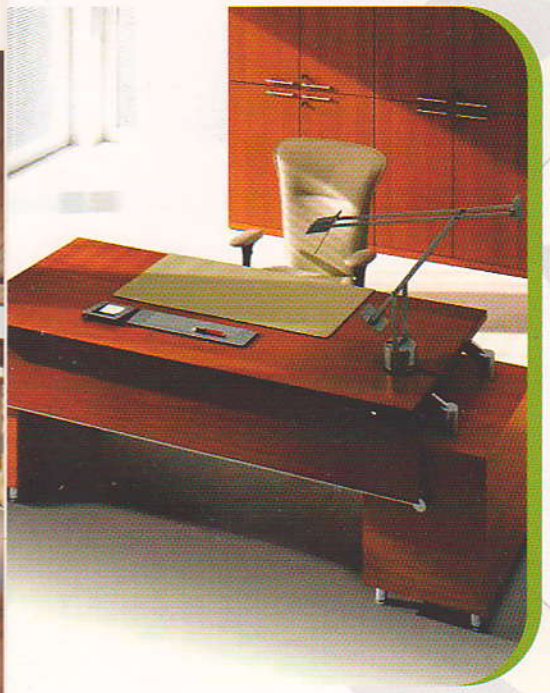
Quality Exudes Confidence

MR grade plywood is made under strict quality norms from seasoned tropical hardwood core bonded with melamine urea formaldehyde resin under controlled temperature and pressure. It is manufactured as per IS:303 specification. It is fully powder proof, termite, and moisture resistant. Its excellent quality perfectly matches the economical frame. Excellent screw holding strength makes Woodland Ply ideal for high quality furniture manufacturing. Woodland is better plywood for beautiful interior.



MUF BOND

Woodland Ply and Block Boards are manufactured with carefully selected wood which have superior mechanical properties. These lumber cores are bonded with melamine urea formaldehyde resin. Melamine enhances the bonding strength of plywood and each cross band veneer is treated with chlorpyrifos which have high degree of resistance to termite and other wood destroying organisms.

Suitable for partitions, paneling other domestic, office uses and racks, shelves, shutters, bank counters etc.

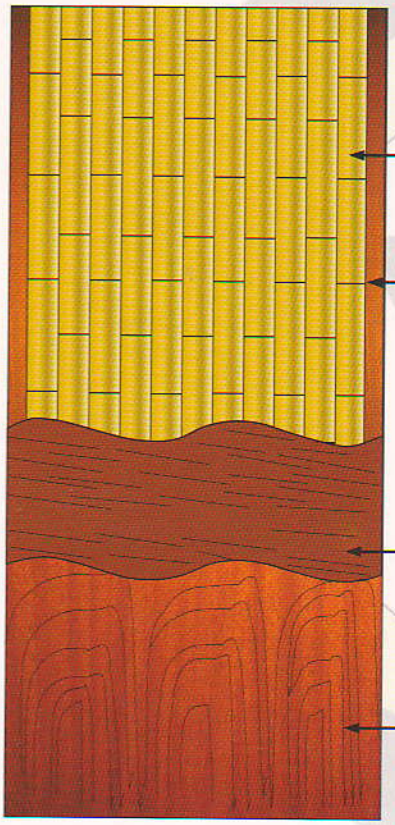
LABORATORY TEST REPORT-MR PLYWOOD

Sl. No.	Tests	Clause	Prescribed Value	Results
1	Diamensiors,mm		Tolerance of	
	a)length		+6mm -0mm	+3mm
	b)width	4 of IS:12049	+3mm -0mm	+1mm
	c)thickness		±5%	+2%
2.	Squareness,%	4 of IS:12049	0.2	0.09
3.	Edgo Straightness,%	4 of IS:12049	0.2	0.08
4.	Workmanship and Finish	9	Conforms	Conforms
5.	Moisture Content,%	11.3	5-15	7.5
6.	Resistance to water adhesion to piles cycles of 3 hr (3@60±2°C & 16 h drying 65±2°C),N	11.2	Min.pass standard	Pass standard
7.	Modulus of elasticity N/mm²			
	i)Parrallel to the face grain		114	
	a)Average		4000	4338
	b)Min. individual		3600	4174
	ii)Perpendicular to the face grain			
	a)Average		2000	2834
	b)Min. individual		1800	2367
8.	Modulus of repture. N/mm			
	i)Parrallel to the face grain			
	a)Average		30	34.7
	b)Min. individual	11.4	27	31.5
	ii)Perpendicular to the face grain			
	a)Average		15	23.3
	b)Min. individual		13	21.4

COMMERCIAL BLOCK BOARD

The Commercial block board is manufactured with selected tropical wood and silver oak. These wooden sizes are seasoned in modern kiln chambers and processed into wooden frames.

The Commercial block board is suitable for interior designs that includes office furniture, bedroom furniture, partition, doors etc.



MUF & UF GRADES

- Borer Proof
- Termite Proof
- Uniform
- Weather Resistant
- Selected Hardwood

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Quality is Our Business

LUMBERS

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Quality is our Commitment

We offer wide range of seasoned hardwood timber that is known to resist changing climatic conditions. The natural oil content in the wood, assist in maintaining the condition of the wood for long duration. We deal in wide range of hardwood timbers and lumbers of various species like Burma teak, Indian teak, Gurjan, Marbavu, Mathi, Jack wood, Red cedar, Wild jack, and other tropical wood.

Offered hardwood timber is used for various purposes including boat building, flooring, durable furniture, construction, truck and lorry body building and other applications.

ROSEWOOD

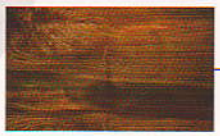
TEAKWOOD

JACKWOOD

SALWOOD

REDCEDAR

MATHI



MANGO

FILM FACE SHUTTERING PLY

Shuttering plywood is a very special product for high end construction uses.

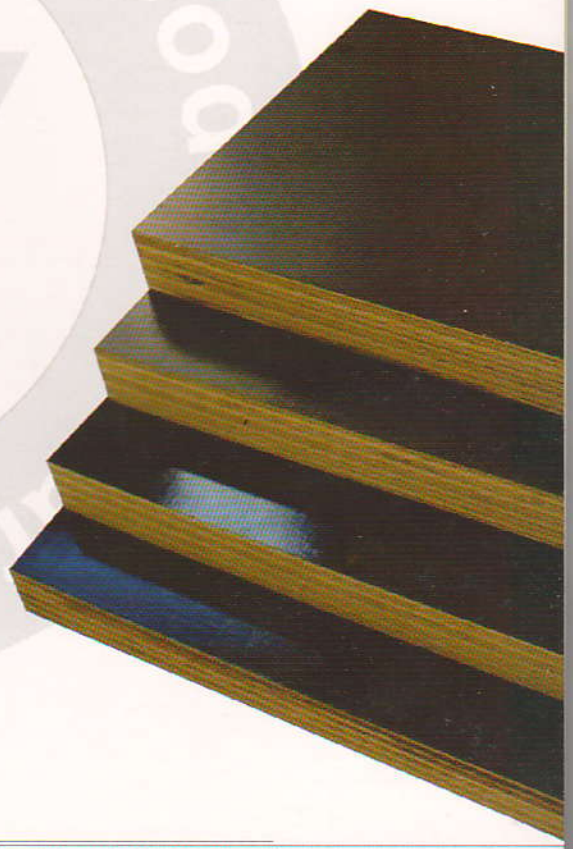
Woodland Shuttering Plywood is made of using 100% high density rubber wood and imported film. The naturally durable cross band veneers impegrated with specially formulated phenotic resins or melamine urea formaldehyde resin.

Woodland Shuttering Plywood is manufactured as per specifications laid by BIS. The Shuttering ply can be widely used in the construction of bridges, water tanks, cooling towers, building etc. After using it as shuttering plywood for many times, it can be used for paneling, roofing, flooring & partitions.

We have different ranges of shutter ply like Normal Shuttering plywood, Medium Density Shuttering Plywood & high Density Film Face Shuttering Ply

Woodland shuttering plywood is builder's first choice because it can be used many times. The repetitions can be more if properly handled and stored.

Woodland shuttering ply - "The choice of the modern generation of the builders who do not compromise with quality"



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Quality is Golden Rule

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