

Profile

Jaguar is the quality mark in plywood for the craftsmen, architect or the domestic user. Its every product is meticulously manufactured by Galaxy plywood industries (P) Ltd. The company was promoted in July 1998 by its present directors J.K. Bihani and Sunil Aggarwal. J.K. Bihani is associated with plywood manufacturing since 30 Years. Mr. Sunil Aggarwal has 10 Years experience in plywood industry. The company is also supplying its product to Defence, PSU and DGS & D, Railway & State Road Transport.

With State-of-the-Art establishment and collective effort the company has made a remarkable stand through its brand JAGUAR.

BE it for the soft interiors or heavy constructions, the brand offers a range of plywood that meets the stringent requirements for ultimate customer satisfaction.

JAGUAR is the quality mark in plywood for the craftsmen, architect of the domestic user. Its every product is meticulously manufactured of.

- An ISO 9001 & 14001 Company Choice timbers; indigenous as well as global
- Automatic peeling plant
- In-house resin plant (for formaldehyde bonding)
- 12 day-light, 900 tons hydraulic press (guarantees high density plywood)
- Vacuum pressure impregnation plant
- The main moto of the company remains to deliver the same or better quality & services to satisfy the customer desire in the future.

Product Display

- M.R. / BWR Grade Plywood
- Block Board
- Flush Door
- Shuttering Plywood
- Decorative Plywood
- Marine Plywood
- Fire Retardant Plywood
- Compreg Plywood
- Plywood Flexible
- Aluminum chequered Plywood

M.R. Grade Plywood

Manufactured as per IS : 303 specification 'Jaguar' the premium quality M.R. Grade Plywood caters to every need of customer. Its excellent quality perfectly matches the economical frame. With a normal & minimal climatic alternation, Jaguar Plywood is best recommended to grace all interior application that includes office & computer room furniture, your dwelling place and business establishment.

B.W.R. Grade Plywood

This premium quality of 'Jaguar' B.W.R. confirms to the IS : 303-1989 standardization. It has been manufactured from selected stress and satin free hard wood within house manufactured PF resin. 'Jaguar' is resistible to extreme weather conditions like heavy moisture content of air, dryness, unbeatable heat, dense fog and all adverse atmospheric change. Its best applicable place starts from automobile frames, railways, bus coaches to kitchen cabinets, bathroom furnishing, exterior hoarding, sign board & even dining table top.

Technical Specification

	BWR	MR
Density	Approximately 0.650 kg/m ³	600 kg/m ³
Glue shear strength (Dry)	Minimum 135 kg. cm ²	110
Glue shear strength (Wet)	Minimum 100 kg. cm ²	90
(After 8 hours boiling at 100C)		
Moisture content	7-12%	7-12%
Bending strength		
Across the grains	357- 420 Kg/cm ²	
Parallel to the grains	213 Kg/cm ²	
Cycle test in dry and wet conditions 8/hours x 3 cycles	Passes	Passes
Standard thickness (in mm)	3,6,9,12,16,19	3,6,8,12,15,18
Standard size (in feet)	8'x4, 8x3', 7x4', 7x3', 6x4', 6x3'	8'x4, 8x3', 7x4', 7x3', 6x4', 6x3'

Block Board Our Specialty Borex Treated Boards

The complete range of BWR grade Block Board is made of pure phenol formaldehyde synthetic resin that enables it to resist 108 hours of boiling test. Special two stages resin preparation makes **Jaguar** boards spotless and shiny. The Block board is later dipped into CCB solution that makes it property protected from any insect attack. Water proof board can be very successful for any external application or interior uses where water can affect the wood working. BWP grade is heavier material that is pressed at very pressure. Its stability can be proved once you can and try it. It is used for every interior and exterior application where high quality is in demand. It is suitable for application in beds, dining table, kitchen cabinets, racks, partitions, office work places etc.

Technical Specification

Static bending strength	Standard sizes (in feet)	8x4, 8x3, 7x4, 7x3, 6x4, 6x3	
	Interior grade	Exterior grade	
Modules of rupture	45N/mm	55N/mm	
Modules of elastically	4500N/mm ²	5500N/mm ²	Thickness (In mm)
Density: Approximately	500 Kg/M ³	520 Kg/M ³	19,25
Treatment	Borex	Borex	
Grade	MR	BWP	

Flush door Our Specialty Fire retardant doors

Our flush doors are of guaranteed quality, structurally strong & dimensionally stable for both internal & external uses. Excellent quality flush door are manufactured from select timber and are of should core construction. Doors are framed in seasoned hard wood battens and pressed at high pressure with phenol formaldehyde resin. Our flush doors act as insulations against heat and sound.

Technical Specification

Frame	:	Treated hardwood
Inner battens	:	Poplar/Pine
Bond	:	BWP grade
Flexure Test	:	Passes
Knife Test	:	Passes

Misuse Test	:	Passes
Varying Humidity Test	:	Passes
Dimensional stability	:	Passes
Available thickness	:	25,30,35,40 mm

Marine Plywood Our Specialty VPT which extends unlimited warranty to our products

In tropical climate, Borers and termites damages plywood easily. Only high quality woods can defend such elements. Fortunately JAGUAR MARINE PLYWOOD is made for selected species possessing a high degree of natural durability and therefore 100% safe from fatal insects. Over and above, the Preservative Treatment turning it 200% safer from borer and termite attacks. On the other hand, this percentage of manufactures for use of preservative treatment, added with the freedom of using any type of wood, may render such plywood such plywood protectable from attacks of borers and termites.

Technical Specification

Specific Gravity: .65 to .75

Nail holding strength: Above 100 kg

Screw holding strength: 250 kg

Bending strength

Along the grain: 400 kg F/cm²

Across the grain: 325 kg F/cm²

Tensile strength

Along the grain: 400 kg F/cm²

Across the grain: 250 kg F/cm²

Moisture content: 8% + 2%

Boiling water resistant: 72 hrs at 100oC

Application

- Ship Building

- Truck and Bus Body
- Cooling Towers
- Interior / Exteriors
- Elegant Furniture
- Kitchen Cabinet

Advantage: Marine Plywood is available with ISI mark 710 CML NO. 9307778. It is borer, proof borer proof and powder proof. It is economical in comparison to other products due to durability.

Available in size / range (All measurements in mm)

Length	Width	Thickness
1840	920, 1220	3, 4, 5, 6, 9, 12, 16, 19, 25
2140	920, 1220	
2440	920, 1220	

Shuttering plywood

When it comes to stiffness, stress/weight ratio and bonding durability, Shuttering Plywood has no equal. Ideally suited for concrete framework for beams pillars, columns, flooring & slab framework, symmetrical and non-symmetrical framework. Shuttering Plywood comprises uniquely precessed wood plates that are perfectly suited to centering and shuttering. Employed correctly, it can greatly reduce construction costs.

Technical Specification

Phenol bonded & BWP Grade

Bending Radii (cm):-

Thickness	9mm	12mm
Parallel to face grain	215	330
Perpendicular to face grain	165	255

Loading and deflection:

(Taking the maximum permitted deflection at 1: 1270 that is 1/270 of the span between the bearers), the maximum load permitted is given below:

		30 cm	40 cm	50cm	60cm
Parallel to face grain	{ 9 mm	760	320	195	110
	{ 12 mm	1220	540	390	170
Perpendicular to face grain	{ 9mm	1270	540	320	170
	{ 12 mm	1950	850	640	360

If wet boards are used, the load shown above should be reduces to 75%

Standard sizes : 8x4

Density : 0.60 gm / cc to 1.00 gm cc as per requirement

Weight of 8x4' sheet of

12 mm : 23 kg, 30 kg, 34 kg, 38 kg

18 mm : 36 kg, 45 kg, 52 kg

Available option : Film face, Resin coated & plain

Decorative Plywood

Jaguar plywood offers radiant surface that can also be polished (both glossy or matt). While our manufacturing process augments our products with anti-wrap properties and make them dimensionally stable. And finally our chemical treatment against termites, white ants fungus and other micro-organism ensures that our plywood remains a part of the décor for life.

Advantages:

It increases the authentic natural look of any interior.

Available in size range (All measurements in mm)

Length	Width	Thickness
1840	760, 920, 1220	-
2140	760, 920, 1220	3, 4, 6, 8, 9, 12, 15, 18, 21, 24
2440	760, 920, 1220	-

Fire retardant

Jaguar Fire Retardant Plywood (FRP) is BWR grade plywood given anti flame treatment of Ammonia sulphate, and Ammonia phosphate and TCP. The plywood can be safely used in automotive industry, domestic industry, domestic and office building and at airports. The plywood conforms to IS : 5509:2000 standard. The technical specifications are given below.

Technical Specification

	Required as per IS: 5509	Galaxy's observed Values
Glue shear strength in dry stage	1350 N	1410 N
Glue shear strength in wet stage	1100 N	1160 N
Flammability	30 min.	25 min.
Rate of Burning	20 min.	25 min.
Flame Penetration	15 min. / 6 mm	15 min. / 6 mm

Fire retardant doors are also available in same specification