

Profile

Galaxy Plywood Ind. Pvt. Ltd. is working on the ladder of gradual improvement and growth under the guidance of Mr. R.L. Aggarwal & Mr. J.K. Bihani the Directors. Their experience of 20 years in Jenny Plywood Ind. Ltd. (One of the leading plywood industry of India at Arunachal Pradesh) is the continual source of motivation for the Galaxy Group.

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

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.

JUPITER is the quality mark in plywood for the craftsmen, architect or 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. Grade Plywood
- B.W.R. Grade Plywood
- Block Board
- Decorative Plywood
- Marine Plywood
- Film Face Shuttering Plywood
- Flush Door

M.R. Grade Plywood

Manufactured as per IS : 303 specification 'JUPITER' 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 alteration, 'JUPITER' Plywood is best recommended to grace all interior applications that includes office & computer room furniture, your dwelling place and business establishments.

B.W.R. Grade Plywood

This premium quality of 'JUPITER' B.W.R. conforms to the IS : 303-1989 standardization. It has been manufactured from selected stress and satin free hard wood within house manufactured PF resin. 'JUPITER' is resistible to extreme weather conditions like heavy moisture content of air, dryness, unbeatable heat, dense fog and all adverse atmospheric changes. 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

Density Approximately 0.7 gms /cc

Glue shear strength (Dry) Minimum 135 kg.

Glue shear strength (Wet) Minimum 100 kg

(After 72 hours boiling at 100oC)

Tensile strength Approximately 600 Kg / cm²

Moisture content 7-12%

Swelling in water Less than 1%

Screw holding strength Approximately 260 Kg.

Nail holding strength Approximately 60 Kg.

Bending strength

Across grain 357-420 Kg / cm²

Parallel grain 213 Kg / cm²

Standard sizes (in meters)

Thickness (in mm)

2.44 x 1.22, 2.14 x 1.22, 1.84 x 1.22,

4, 6, 8/9, 12, 15/16, 18/19.

2.44 x 0.92, 2.14 x 0.92, 1.84 x 0.92.

Block Board Our Specialty Borex Treated Boards

Seasoned Newzeland Pine / Popular wood is effectively treated with chemicals to manufacture premium quality brand of 'JUPITER' Block Boards. Selected imported hardwood veneer on it gives the board high mechanical strength and high screw holding capacity. Block Boards are

pressed under high temperature and pressure and are bonded with superior grade resin, resulting in a product with high dimensional stability and excellent insulating properties. 'JUPITER' Boards are weather proof and do not twist under wood working conditions. Fixed type preservatives are used in our boards to make them resistant to borers & termites. The boards are available in both interior & exterior grades.

Technical Specification

Static bending strength

	Interior Grade	Exterior Grade
Modules of rupture	45N/mm ²	55N/mm ²
Modules of elastically	4500N/mm ²	5500N/mm ²

Density: Approximately 0.68 gms /cc

Maximum load permitted (Kg/m²)

(Maximum permitted deflection as 1 : 1270 viz. 1/1270 of the span between the bearers)

Standard sizes (in meters)

2.44 x 1.22, 2.14 x 1.22, 1.84 x 1.22,
2.44 x 0.92, 2.14 x 0.92, 1.84 x 0.92.

Thickness (in mm)

16, 19, 25 & 30

Decorative Plywood

'JUPITER' decorative plywood is ideal, both for interior paneling and decoration and is available in a wide choice of colours. Made from natural veneers of Indian and imported variety. Our 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.

Advantage

'JUPITER' decorative plywood is fire proof, boiling waterproof and powder proof.

'JUPITER' decorative plywood is available in both natural teak and Italian teak.

‘JUPITER’ decorative plywood available with IS : 1328 CML No. 9307879.

Application

- Furniture
- Partitions
- Flooring
- Counters
- Panelling
- Ceiling
- Wardrobes

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	-

Shuttering plywood

‘JUPITER’ Shuttering plywood is manufactured for special applications only. The qualitative & unmatched long lasting life of the shuttering plywood is sophisticatedly applied with **170 GSM phenolic films on both the sides** to give superfine mirror finish to the surface and to provide a resistive layer to prevent water penetration into the plywood. The superfine quality of shuttering plywood graces all civil construction firms for casting concrete slabs, beams & column boxes for a mirror finish output. This finish require no further furnishing of surface if shuttering used carefully during application. Civil engineering firms of repute across the country are our esteemed clientele.

Technical Specification

Bending Radii (Cm):-

Thickness	6mm	9mm	12mm
Parallel to face grain	125	215	330
Perpendicular to face grain	90	165	255

Density: Approximately 0.7 gms / cc

Maximum load permitted (Kg/m²)

(Maximum permitted deflection as 1 : 1270 viz. 1/270 of the span between the bearers)

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

If wet boards are used, the load shown above should reduced to 75%.

Standard sizes (in meters)

2.44 x 1.22, 2.14 x 1.22, 1.84 x 1.22,
2.44 x 0.92, 2.14 x 0.92, 1.84 x 0.92.

Thickness (in mm)

4, 6, 9, 12, 16, 19.

Flush door

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. Our flush doors act as insulations against heat and sound.

Advantages

It is fire proof, boiling water-proof and powder proof.

It is economical in comparison to other products due to durability.

Applications

- Solid Core Flush Doors are solid in strength.
- Cellular and hollow Core Flush Doors are elegant light in weight.
- Decorative Flush Doors are widely used for entrance & living area doors.
- Resin coated and Film Faced Flush Doors are ideal for toilets, bathrooms & balcony doors.

Jupiter Club Marine Plywood

In tropical climate, Borers and termites damages plywood easily. Only high quality woods can defend such elements. Fortunately JUPITER CLUB MARINE PLYWOOD is made for selected species possessing a high degree of natural durability and therefore making it 100% safe from fatal insects. Over and above, the Preservative Treatment as per IS: 5539 is a must for JUPITER CLUB MARINE PLYWOOD turning it 200% safer from borer and termite attacks. On the other hand, IS: 303 provisions for manufactures option for use of preservative treatment, added with the freedom of using any type of wood, may render such plywood such plywood susceptible to attacks of borers and termites.

The production process of JUPITER CLUB MARINE PLYWOOD is not restricted to the IS: 710 specifications only. Infact, JUPITER CLUB MARINE PLYWOOD goes much beyond by following advanced manufacturing process such as Pre-Pressing. Pre-Pressing is preliminary process of applying pressure to a glued assembly of veneers placed at cross-grained direction perpendicular to that in the adjacent layers, at room-temperature to help developing a temporary bond between different layers of veneers. Such assembly is subsequently hot-pressed for ultimate consolidation eventually leading to higher shear strength & unparalleled bonding. This advanced technology not only improves bonding by far, but also leads to wrap-free effect and eliminates the possibilities of detective plywood production.

Strength data of JUPITER plywood

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 100°C

Advantage:

JUPITER 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.

Application

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

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	