

The logo for Galaxy Plywood Industries (P) Ltd. It features the word "Galaxy" in a bold, blue, sans-serif font. A red swoosh underline is positioned beneath the letters "a", "l", and "x". A small blue dot is placed above the letter "y". To the right of "Galaxy" is a small "TM" trademark symbol.

GalaxyTM

Plywood Industries (P) Ltd

QUALITY MARK IN PLYWOOD





About Us

Galaxy 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 Indian Army, Navy, Railways, State Road Transport , B.H.E.L., DGS & D, P.S.U. and Reputed M.N.C.

Our Services

- ❖ An ISO 9001 & 14001 Company
- ❖ Automatic peeling plant
- ❖ In-house resin plant (for formaldehyde-bonding & phenol bonding)
- ❖ 2000 tons hydraulic press 2Nos (guarantees high density plywood)
- ❖ 1000 tons hydraulic press 1No.
- ❖ 640 tons hydraulic press 1No.
- ❖ Vacuum pressure impregnation plant
- ❖ Paper lamination plant in house facility
- ❖ Hi - Tech laboratory
- ❖ The main moto of the company remains to delive better quality & services to satisfy thecustomer needs in the future.

OUR PRODUCT

M.R. Grade Plywood

Manufactured as per IS : 303 specification 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, Plywood is recommended to grace all interior application that includes office & computer room furniture your dwelling place and busines establishment.



B.W.R. Grade Plywood

This premium quality of B.W.R. confirms to the IS : 303-1989 standardization. It has manufactured from selected stress and satin free hard wood within house manufactured PF resin. It 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 start 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 357-420Kg/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 prepare boards spotless and shiny. The Block board is later dipped into CCB solution that makes its property protected from any insect attack. Waterproof 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 size(In feet)	8x4, 8x3, 7x4, 7x3, 6x4, 6x3
Interior grade	Best
Exterior grade	Best
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	

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 MARINE PLYWOOD is made for selected pecies 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/cm
Across the grain: 325 kg F/cm ²
Tensile strength
Along the grain: 400 kg F/cm ²
Across the grain: 250 kg F/cm ²
Moisture content: 8% + 2%
Boiling water resistant: 72 hrs at 1000c

Application

Ship Building
Truck and Bus Body
Cooling Towers
Interior / Exteriors
Elegant Furniture
Kitchen Cabine

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 inmm) length Width Thickness1840 920, 1220 3, 4, 5, 6, 9, 12, 16,19,25,2140920,1220,2440,920,1220.

Length

1840

2140

2440

Width

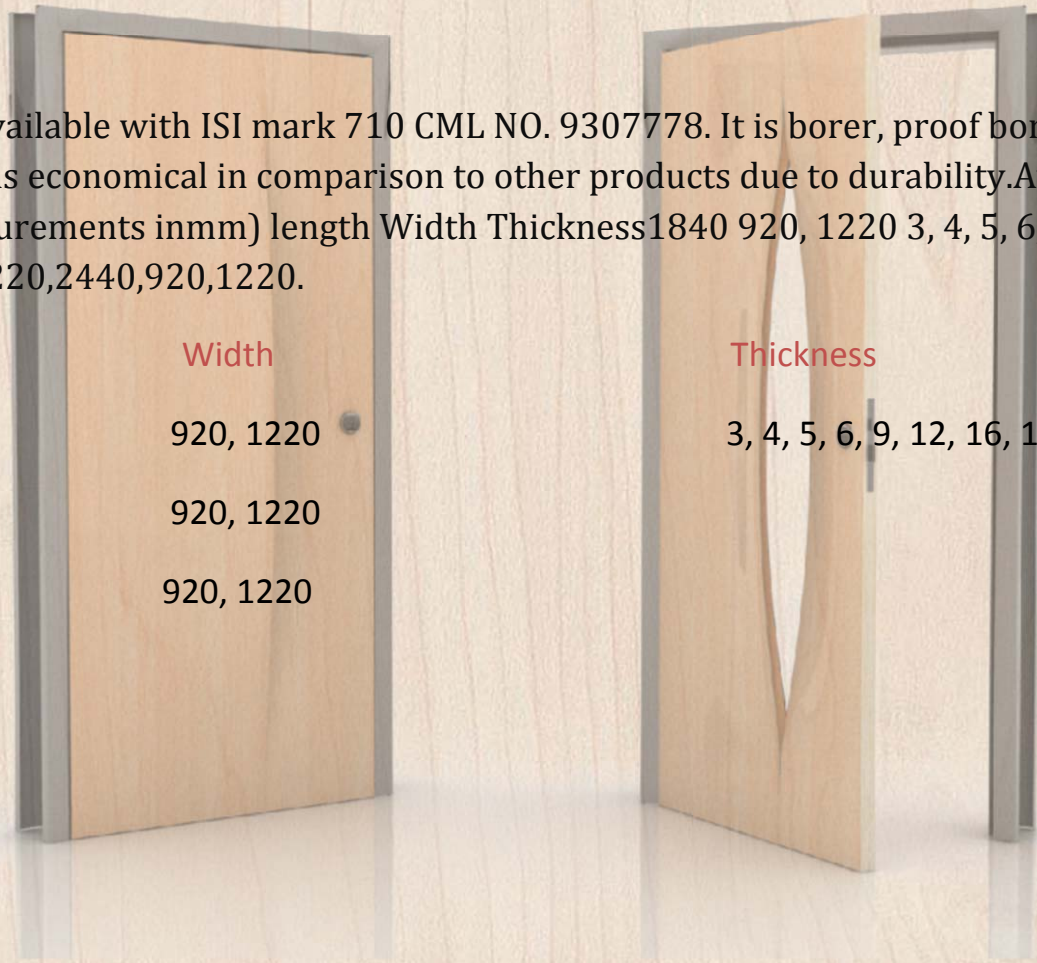
920, 1220

920, 1220

920, 1220

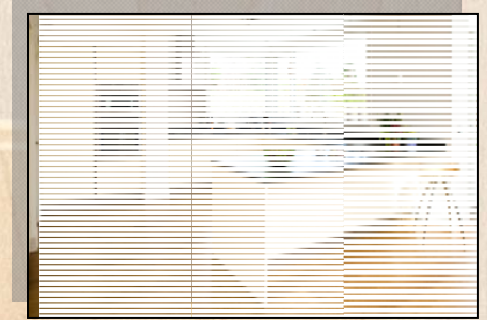
Thickness

3, 4, 5, 6, 9, 12, 16, 19, 25



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 processed 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 17 }{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

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

Fire retardant

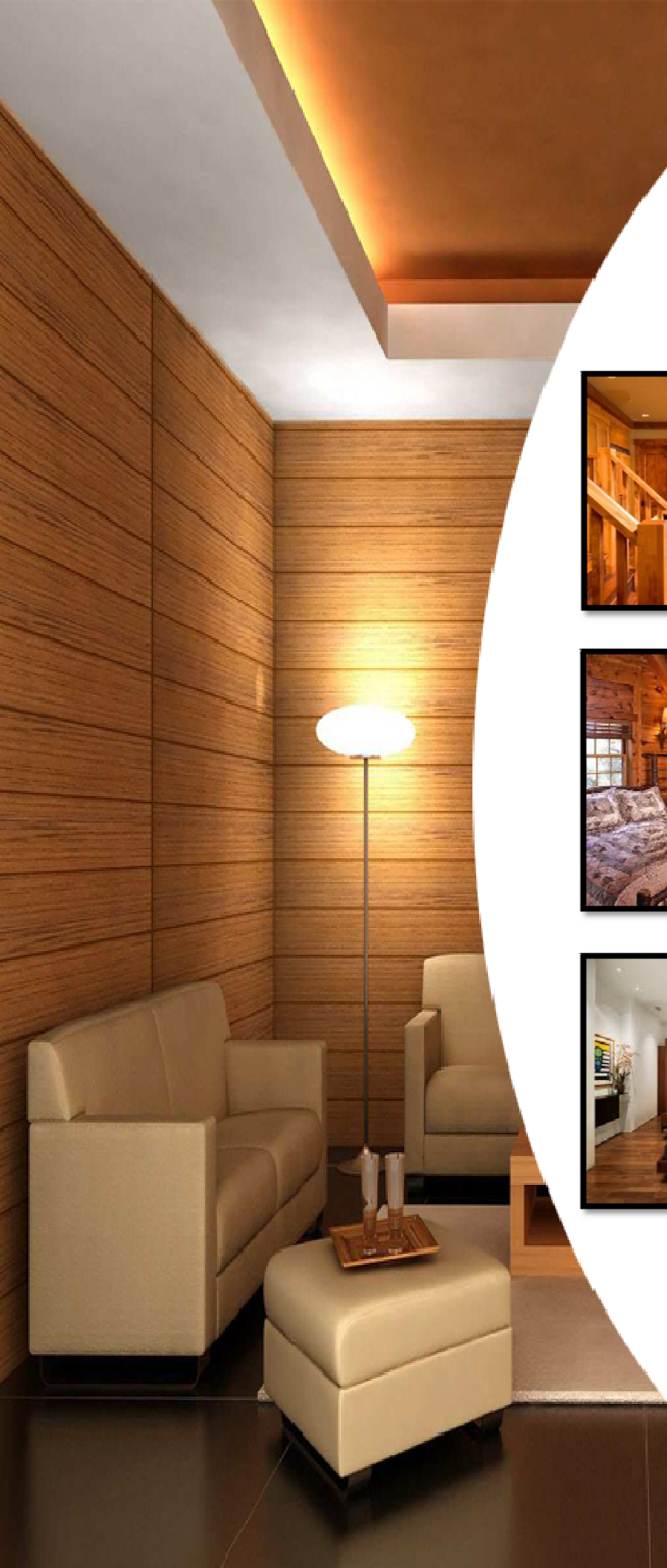
Fire Retardant Plywood (FRP) is BWR grade plywood given anti flame treatment of Ammonia sulphate, and Ammonia phosphate and TCP. The plywood can be safely used in automotive industry domestic industry, domestic and office building and at airports. The plywood conform to IS : 5509:2000 standard.



Technical Specification

Required as per Galaxy's observed IS: 5509 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 pecification.

OUR GALLERY





Plywood Industries(P)ltd

Telephone no : 01732 – 239273, 239275, 344407

Mobile no : +91 – 9896335621
+91 - 9355235621 (Mr. J. K. Bihani)

Fax : 1732 – 239706

Email : galaxyply@yahoo.in

DelhiOffice : K5A,RajdhaniPark,NangloiDelhi

Mr. Sunil Aggarwal : +91 - 9891281800

