



EURO PLY

Nocte Lumbers Pvt. Ltd.



FROM THE DESK OF CMD

"Success is never accidental. The road to success is to take massive, determined action".

We at **Euro Ply** welcome you to the one-stop shop to meet all your plywood, block board, flush door & natural teak needs. Euro is among India's leading and most trusted brand in home decor and building material industry. Over past 20 years, we have evolved as a one source enterprise in manufacturing, marketing and distribution of plywood. Its well trained team gives their best to ensure superior quality that its products have achieved over the years. To ensure the consistent quality company has established state-of-art manufacturing facility in Kutch Gujarat, which matches with the company vision in creating its own trend. With the use of latest machineries and dedication of experienced man-power, manufacturing of plywood, teak ply, block boards, flush doors and flexi plywood is carried out in our plant.

We believe in complete customer satisfaction and treat our valuable customers as our own family members. As we continue to grow we will remain committed to give quality products to the industry.



Mr. Mukesh Bhartia
C.M.D.

OUR NETWORK



EURO ELITE (B.W.P GRADE)



EURO ELITE PLY is specially made to withstand rigorous condition of climatic changes, humidity level and other weather elements. Made from GURJAN and bonded with high quality phenol Formaldehyde (PF) resin, EURO ELITE PLY is well protected from fungi, termites and borer and its bonding is intact even after 72 hours of boiling and vacuum steam pressure test.

Technical Details Conforming To IS:710 Marine Plywood

Sr. No.	Prescribed Value	Values for Conformity	Observed Value
1	MOISTURE CONTENT	5-15%	8%
2	GLUE ADHESION IN DRY STATE a) Glue Shear Strength b) Adhesion of Plies	Min. Av. 1350 N Min. Pass Standard	1660 N Excellent
3	WATER RESISTANCE TEST a) A 120 kPa of vacuum and 220 kPa of steam Pressure b) Glue Shear Strength in wet state c) Adhesion of Plies	There shall be no delamination Min. Av. 1000 N Min. Pass Standard	No Delamination 1320 N Excellent
4	TENSILE STRENGTH a) Along the face grain b) Across the face grain c) Sum of both direction	Min. 42.00 N/mm ² Min. 25.00 N/mm ² Min. 84.50 N/mm ²	Min. 55.80 N/mm ² Min. 36.25 N/mm ² Min. 92.05 N/mm ²
5	STATIC BENDING STRENGTH a) Modulus of Elasticity (MOE) (i) Along the face grain (ii) Across the face grain b) Modulus of Rupture (MOR) (i) Along the face grain (ii) Across the face grain	Min. 7500 N/mm ² Min. 4000 N/mm ² Min. 50 N/mm ² Min. 30 N/mm ²	8960 N/mm ² 5680 N/mm ² 65.85 N/mm ² 38.70 N/mm ²
6	WET BENDING STRENGTH a) Modulus of Elasticity (MOE) (i) Along the face grain (ii) Across the face grain b) Modulus of Rupture (MOR) (i) Along the face grain (ii) Across the face grain	Min. 3750 N/mm ² Min. 2000 N/mm ² Min. 25 N/mm ² Min. 15 N/mm ²	5160 N/mm ² 3215 N/mm ² 35.70 N/mm ² 25.10 N/mm ²
7	MYCOLOGICAL TEST	There shall be no ply Separation at the edge	No ply separation

TECHNICAL SPECIFICATIONS (IS:710)

*Conditions Apply as Per Warranty Certificate



EURO ELITE ply is a premium grade genuine marine grade plywood. It is manufactured with single wood veneer that is GURJAN wood and we guarantee for it. EURO ELITE PLY is manufactured as per the specifications of marine Grade plywood and it confirms the IS: 710. Treated log of GURJAN wood are peeled with hydraulic peeling machine and then conditioned GURJAN veneers are bonded in HOT PRESS with high solid content and water proof PF resin.

EURO PLATINUM (B.W.P. & M.R.)



EURO PLATINUM ply is made from GURJAN & hardwood bonded with Phenol Formaldehyde (PF) resin for BWP grade & bonded with melamine urea formaldehyde (MUF) resin for M.R. Grade. It is specially treated to repel termites and wood insects. It is made using high quality gurjan face veneers of uniform thickness and chemically treated to make it warp free and dimensionally accurate.



EURO Platinum marine grade plywood, manufactured by using hard wood & Gurjan is PF resin bonded under high temperature & pressure to keep the bonding intact even after 72 hours of boiling. The assembly of core and panels is done in such a way that the product does not have any gap inside. Thus the plywood has strong screw holding capability which makes it most suitable for any kind of woodwork.

Technical Details Conforming To IS:710 Euro BWP Platinum Plywood & IS:303 MR Grade Plywood

Sr. No.	Prescribed Value	BWP IS:710		MR GRADE IS:303	
		Required Values	Observed Value	Required Value	Observed Value
1	Squarness (%)	<0.20%	0.10	<0.20%	0.12
2	Edge Straightness (%)	<0.20%	0.15	<0.20%	0.17
3	Moisture Content (%)	5-15%	8%	5-15%	7%
4	Adhesion of Plies	Min. Pass Standard	Excellent	Min. Pass Standard	Excellent
5	Water Resistance Test	72 Hours Boiling	Satisfactory	3 Hours Soaking at 60±2°C	Satisfactory
6	Static Bending Strength				
i	Along the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 7500 N/mm ² Avg. - 50 N/mm ²	8150 54	Avg. - 4000 N/mm ² Avg. - 30 N/mm ²	5240 48
		ii	Across the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 4000 N/mm ² Avg. - 30 N/mm ²	4200 36

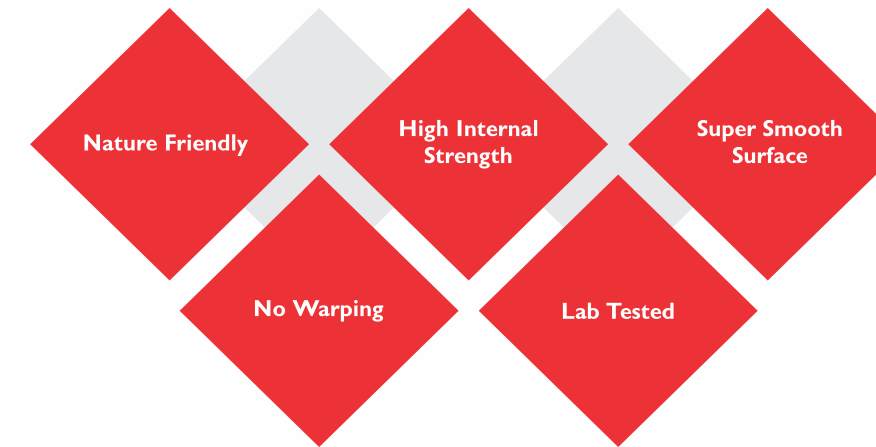
*Conditions Apply as Per Warranty Certificate



EURO PLY (B.W.P. & M.R.)



EURO PLY is made from **HARDWOOD** and bonded with Phenol Formaldehyde (PF) resin for BWP grade & with MELAMINE UREA FORMALDEHYDE resin for M.R. grade. It is specially treated to repel termites and wood insects. It is made using high quality gurjan face veneers of uniform thickness and chemically treated to make it warp free and dimensionally accurate.



Technical Details Conforming To IS:710 Euro Ply B.W.P. & IS:303 M.R. Plywood

Sr. No.	Prescribed Value	BWP IS:710		MR GRADE IS:303	
		Required Values	Observed Value	Required Value	Observed Value
1	Squariness (%)	<0.20%	0.10	<0.20%	0.12
2	Edge Straightness (%)	<0.20%	0.15	<0.20%	0.17
3	Moisture Content (%)	5-15%	8%	5-15%	7%
4	Adhesion of Plies	Min. Pass Standard	Excellent	Min. Pass Standard	Excellent
5	Water Resistance Test	72 Hours Boiling	Satisfactory	3 Hours Soaking at 60±2°C	Satisfactory
6	Static Bending Strength				
i	Along the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 7500 N/mm ²	8100	Avg. - 4000 N/mm ²	5240
		Avg. - 50 N/mm ²	58	Avg. - 30 N/mm ²	48
ii	Across the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 4000 N/mm ²	4100	Avg. - 2000 N/mm ²	4100
		Avg. - 30 N/mm ²	35	Avg. - 15 N/mm ²	34

TECHNICAL SPECIFICATIONS (IS:710 & IS:303)

*Conditions Apply as Per Warranty Certificate



EURO SILVER (B.W.P. & M.R.)



EURO SILVER PLY is made from **HARDWOOD** and bonded with Phenol Formaldehyde (PF) resin for BWP grade & with MELAMINE UREA FORMALDEHYDE resin for M.R. grade. It is specially treated to repel termites and wood insects. It is made using high quality imported face veneers of uniform thickness and chemically treated to make it warp free and dimensionally accurate.



Technical Details Conforming To IS:710 Euro Silver B.W.P. & IS:303 M.R. Grade Plywood

Sr. No.	Prescribed Value	BWP IS:710		MR GRADE IS:303	
		Required Values	Observed Value	Required Value	Observed Value
1	Squariness (%)	<0.20%	0.10	<0.20%	0.12
2	Edge Straightness (%)	<0.20%	0.15	<0.20%	0.17
3	Moisture Content (%)	5-15%	8%	5-15%	7%
4	Adhesion of Plies	Min. Pass Standard	Excellent	Min. Pass Standard	Excellent
5	Water Resistance Test	72 Hours Boiling	Satisfactory	3 Hours Soaking at 60±2°C	Satisfactory
6	Static Bending Strength				
i	Along the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 7500 N/mm ²	8100	Avg. - 4000 N/mm ²	5240
		Avg. - 50 N/mm ²	58	Avg. - 30 N/mm ²	48
ii	Across the grain direction Modulus of Elasticity Modulus of Rupture	Avg. - 4000 N/mm ²	4100	Avg. - 2000 N/mm ²	4100
		Avg. - 30 N/mm ²	35	Avg. - 15 N/mm ²	34

*Conditions Apply as Per Warranty Certificate

TECHNICAL SPECIFICATIONS (IS:710 & IS:303)



FLUSH DOOR



EURO FLUSH DOOR are made from a composite construction of solid Timber components which consists of New Zealand pine bonded with 2.5mm crossbands with PF resin. It is pressed at a high temperature and high pressure to ensure optimum strengths and long life. The wood planks made from New Zealand Pine are thoroughly seasoned in the most ultra modern imported seasoning chambers.



EURO Flush door is a durable product and known for its excellent quality, exceptional finish and unique dimensional stability. It is made of selected pinewood frames for high nail holding capacity. Flush doors have lock rails on both sides of the frame. The frame and battens used in the flush doors are well treated and assembled in such way that there is no gap in between the battens and frames. An extra coating of PF resin has been given on the assembled flush door to get more bonding strength between core and battens.

Technical Specification Of Euro Flush Door Conforming To Is:2202 (part 1) - 1999

Sr. No.	Tests as per IS: 2202(Part-1)-1999	Minimum Required Values	Obtained Value
1	General Flatness	The twist, cupping and warping shall not exceed 6 mm.	0.16 mm
2	Local Planeness	The depth of deviation shall not be more than 0.50 mm	0.04mm
3	Impact Indentation	The depth of indentation shall not be more than 0.20 mm.	0.15mm
4	Flexure Test	The maximum deflection and the residual deflection shall be within limit.	Satisfactory
5	Edge Loading Test	The maximum deflection and the residual deflection shall not be more than 5.0 mm and 0.50 mm respectively	Satisfactory
6	Shock Resistance Test	After 25 blows there shall be no visible damage in any part of the door.	Not Visible damage
7	Bucking Test	The initial deflection and the residual deflection shall be within limit.	Satisfactory
8	Slamming Test	After 100 successive impacts there shall be no visible damage in any part of the door.	Not Visible damage
9	Misuse Test	At 200 N Load, there shall not be any permanent deformation of the fixing or door set.	No Permanent deformation observed
10	Varying Humidity Test	There shall not be any warping, twisting or delamination after subjecting the door to high and low humidity.	No warping, twisting or delamination observed
11	End Immersion Test	There shall be no delamination at the end of the test.	No delamination
12	Knife Test	Minimum Pass Standard	Excellent
13	Glue Adhesion Test	There shall be no delamination at the end of the boiling test.	No delamination observed

TECHNICAL SPECIFICATIONS (IS:2202)

*Conditions Apply as Per Warranty Certificate



BLOCK BOARD



EUROBLOCK BOARD are available in all grades commercial decorative and waterproof. EURO BLOCK BOARDS are bonded with high quality resin and pressed at a high temperature and high pressure to ensure optimum strength and long life. The wood planks are thoroughly seasoned in the most ultra modern imported seasoning chamber. Use of New Zealand Pine in making EURO BLOCK BOARDS adds to the strength of the board.



EURO Block Boards are available in moisture resistant & boiling water proof grade, bonded with Melamine Urea Formaldehyde & Phenol Formaldehyde Synthetic resin respectively. It is a premium quality board with high resistant properties against borer and termite attacks. Face Veneer, core veneer & wooden battens are well graded for their quality by supervisors. The wooden battens are thoroughly seasoned in scientifically run seasoning kiln plants to control and equalize moisture in battens to get better bonding.

Reason to choose Euro Block Board:

- Bonded with high solid content resin
- Wide core & panel
- Wide battens & frames for high screw holding capacity
- No warping in humid conditions
- Dimensionally stable for architectural work

Technical Details Of Euro BWP & MR Grade Block Board Conforming To Is:1659-2004

Sr. No.	Prescribed Test	BWP IS:710		MR GRADE IS:303	
		Required Values	Observed Value	Required Value	Observed Value
1	Moisture Content(%)	5-15%	9%	5-15%	9%
2	Dimensional Changes Caused by Humidity	± 1 mm	± 0.4 mm	± 1 mm	± 0.2 mm
3	Adhesion of Plies	Min. Pass Standard	Excellent	Min. Pass Standard	Excellent
4	Squareness(%)	<0.20%	0.12	<0.20%	0.16
5	Edge Straightness(%)	<0.20%	0.17	<0.20%	0.14
6	Static Bending Strength Modulus of Elasticity Modulus of Rupture	Avg. -5000 N/mm ² Avg. - 50 N/mm ²	5850 64	Avg. -4000 N/mm ² Avg. - 40 N/mm ²	5130 52
7	Mycological Test	No visible sign of ply separation	No separation	No visible sign of ply separation	No separation
8	Water Resistance	No delamination after 72 Hours Boiling	Satisfactory	3 Hours Soaking at 60 ± 2°C	Satisfactory

TECHNICAL SPECIFICATIONS (IS:1659-2004)

*Conditions Apply as Per Warranty Certificate



EURO TUX PLY & BOARDS



TUX PLY & BOARDS
made from eco-friendly plantation wood and chemically bonded with quality resin, TUX PLY & BLOCK BOARDS are winning trust of all architects and carpenters all across india. Tux Ply & Boards are available in MR and BWR grade. It is normally used for furniture, partition, cupboards etc.



Technical Details Of Tux BWR & Mr Grade Plywood Conforming To IS:303-1989

Sr. No.	BWR GRADE			MR GRADE	
	Prescribed Value	Required Values	Observed Value	Required Value	Observed Value
1	Squarness (%)	<0.20%	0.10	<0.20%	0.12
2	Edge Straightness (%)	<0.20%	0.15	<0.20%	0.17
3	Moisture Content (%)	5-15%	8%	5-15%	7%
4	Adhesion of Plies	Min. Pass Standard	Excellent	Min. Pass Standard	Excellent
5	Water Resistance Test	8 Hours Boiling	Satisfactory	3 Hours Soaking at 60±2°C	Satisfactory
6	Static Bending Strength				
i	Along the grain direction				
	Modulus of Elasticity	Avg. - 5000 N/mm ²	6350	Avg. - 4000 N/mm ²	5240
	Modulus of Rupture	Avg. - 40 N/mm ²	54	Avg. - 30 N/mm ²	48
ii	Across the grain direction				
	Modulus of Elasticity	Avg. - 2500 N/mm ²	3200	Avg. - 2000 N/mm ²	2800
	Modulus of Rupture	Avg. - 20 N/mm ²	36	Avg. - 15 N/mm ²	24

TECHNICAL SPECIFICATIONS (IS:303-1989)

Borer Resistance

*Conditions Apply as Per Warranty Certificate



FIRE RETARDANT PLYWOOD



EURO FIRE RETARDANT PLYWOOD is chemically treated with fire retardant chemicals that remain stable in high temperature and does not encourage spreading of flames and has a quality to retain strength for sufficient period of time. In addition to it, it is boiling water proof, termite and borer resistant. EURO FIRE RETARDANT Ply meets the prescribed standard and specified in IS 5509.

Technical Details Conforming To IS:5509 Fire Retardant Plywood

Sr. No.	Prescribed Value	Values for Conformity	Observed Value
1	Moisture Content (%)	5-15	10
2	Squareness Test (%)	<0.2	<0.1
3	Bending Strength Parallel to Grain (Kgs/Cm ²) Perpendicular to Grain (Kgs/cm ²)	450 350	540 450
4	Modulus of Elasticity (N/mm ²)	5000	8980
5	Modulus of Rupture (N/mm ²)	50	58
6	Flammability Test (Mins.)	>30	58
7	Flame Penetration (Mins.)	>15	>47
8	Rate of Burning (Loss of weight by 50%) (Mins.)	>20	>50
9	Retention of Fire Retardant Chemicals	>40 (Kgs/Cm ²)	>65 (Kgs/Cm ²)

TECHNICAL SPECIFICATIONS (IS:5509)

*When tested for standard 12mm thick plywood





EURO PLY
Nocte Lumbers Pvt. Ltd.



CONTACT US

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