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WUDLAY PLY[®]

Wonder from Timber

TERMITE PROOF
GUARANTEE

W•NDER
from **TIMBER**

MANUFACTURING UNIT



Company at a glance

NEMANI GROUP has pioneered the panel products in India and also occupies the unrivaled position of being an Industry Leader. NEMANI GROUP is one of the LARGEST manufacturers of Plywood, Block board and flush door in India. It not has a strong back of its distributors and dealer network but also have its three manufacturing unit in Burma, Nepal and India (Bareilly & Lucknow). Company has sales offices/warehouses to ensure fastest delivery in minimum possible time. The manufacturing facilities are located in Lucknow, Bareilly, Nepal and Myanmar (Burma). The manufacturing facility has state of art Advanced production lines which is operated by talented pool of professionals. The manufacturing capacities of the plants are capable to supply any quantity throughout India. The growth of the company seemed to stem from the highly successful strategy and vision, both individually and corporately. NEMANI GROUP has adopted the most stringent quality control norms and incorporated numerous procedures at every stage to ensure zero defect products.

Group main aim has always been to satisfy all its customers by providing highly durable and customized products, pre & post sales services and continuous innovative products. Choosing NEMANI GROUP products therefore means taking the path of quality and reliability and benefitting from the guarantee of high performance and extreme functionality for life time.



we are



VISION

A passion to deliver better than the best drive us to make flawless products. Our brand WUDLAY is synonyms of better quality. WUDLAY is not just plywood, it is more than that, and it is a bonding of layers of trust. With this customer-oriented approach and manner of working, we always ensure that our products unite all the customer's wishes and do justice to their specific requirements. To achieve this, we have the most modern Testing Lab consisting of highly sophisticated and precise test equipments. With these wide variety of tests at different environmental conditions which are simulated in the test lab, our finished product meets all international standards for durability and reliability.

“ **MANUFACTURED IN INDIA'S MOST ADVANCE PLANT THAT HAS LESS MANUAL HANDLING & MORE MECHANICAL MANUFACTURING PROCESS TO MAKE A FLAWLESS PANEL PRODUCTS.** ”



MULTIPLE CHOICES OF PRODUCTS FOR YOUR INTERIOR FURNITURE.

WUDLAY PLY
FIREFOX
FIRE RETARDANT PLYWOOD

Life Time GUARANTEE | E0 GRADE

WUDLAY PLY
CLUB 500
100% HARDWOOD

31 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
CLUB 500
100% HARDWOOD
B O A R D

31 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
CLUB 500
100% HARDWOOD
D O O R

31 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
CALIBRA 16PRO
KITCHEN SPECIAL PLYWOOD

25 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
ULTIMATEPRO
ALTERNATE CONSTRUCTION

PF 15 YEARS WARRANTY | MR 10 YEARS WARRANTY

WUDLAY PLY
SHINE
PRELAMINATED PLYWOOD

WUDLAY PLY
CLUBGOLD
100% HARDWOOD

31 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
710
100% HARDWOOD

21 YEARS WARRANTY | E1 GRADE

WUDLAY PLY
710
100% HARDWOOD
B O A R D

21 YEARS WARRANTY | E1 GRADE

WUDLAY PLY
710
100% HARDWOOD
D O O R

21 YEARS WARRANTY | E1 GRADE

WUDLAY PLY
CALIBRA 16
KITCHEN SPECIAL PLYWOOD

15 YEARS WARRANTY | E0 GRADE

WUDLAY PLY
ULTIMATE

PF 15 YEARS WARRANTY | MR 10 YEARS WARRANTY

WUDLAY PLY
FILM FACE
SHUTTERING PANEL

MADE WITH **MATPLY**

CALIBRATED
PLYWOOD

HIGH DENSITY
LONG LIFE

FOUR TIMES
PRESSED

COMPOSED WITH **AUTO CORE**
COMPOSER

TERMITE
PROTECTED

FIRE RETARDANT PLYWOOD

FIRE RETARDANT PLYWOOD,
 100% WATER PROOF,
 MARINE GRADE, IS:5509, IS:710
 MADE WITH 100% HARD WOOD,
 EUCALYPTUS CORE AND PANEL



Wudlay FIREFOX fire retardant plywood is treated with special fire retardant chemicals at the time of manufacturing, so that it becomes better at resisting fires. Wudlay FIREFOX fire retardant plywood is made as per IS:5509 specifications that ensures the rate of burning of the plywood should be more than 20 minutes, the time taken for flames to penetrate the plywood has to be more than 30 minutes.

It is commonly used in public places, where the risk of fire has to be reduced such as for making the woodwork in the kitchens of large restaurants, or for the interior woodwork done in public theatres and halls, and the wood used in the railway compartments of our trains. It can also be used in homes and offices, for car interiors, and any other such places where the risk and spread of fire has to be reduced.

The addition of fireproofing chemicals, gives the plywood better fire proofing qualities such as:

- Lesser tendency of spark and ignite.
- Slow burning, having a decreased tendency of the fire to spread over the surface of the plywood.
- Low flammability and lesser smoke generation.
- Higher flame penetration time.

FIRE RETARDANT TECHNICAL SPECIFICATIONS (IS:5509:2010)

	Dimensions	BIS Requirements	Observation Values
1.	Length	2440 + 6 0	2442mm
2.	Width	1220 + 3 0	1222mm
3.	Thickness	12mm ± 5%	11.80mm
4.	Squareness	2mm/1000mm	0.95mm
5.	Edge straightness	2mm/1000mm	0.50mm
6.	Workmanship & finish	As per clause 9.1 to 9.2	Satisfactory
Physical properties			
7.	Density	0.60 – 0.65	0.64
8.	Moisture contents	5 – 20%	10.25%
9.	Water resistance test Cyclic test 8 hours – 16 hours Boiling – drying 3 Cycles	Pass standard	Excellent
10.	Mycological Test	Pass standard	Excellent
11.	Static bending strength		
	Along the grain M.O.E.	Avg. – 5000N/mm ² Ind. – 4500N/mm ²	5850 N/mm ² 4020 N/mm ²
	Across the grain M.O.E.	Avg. – 2500N/mm ² Ind. – 2200N/mm ²	3480 N/mm ² 2855 N/mm ²
	Along the grain M.O.R.	Avg. – 40 Ind. – 36	47.80N/mm ² 36.40N/mm ²
	Across the grain M.O.R.	Avg. – 20 Ind. – 18	27.25N/mm ² 20.35N/mm ²
FIRE RETARDANT TESTS IS : 5509 : 2000			
12.	Flammability	30 Min.	35 Min.
13.	Flame penetration	30 Min.	33 Min.
14.	Rate of burning	20 Min. (Wt. loss 30 to 70%)	28 Min.



MADE WITH
MATPLY

CALIBRATED
PLYWOOD

HIGH DENSITY
LONG LIFE

FOURTIMES
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EO RESIN, BWP, MARINE GRADE PLYWOOD, IS: 710 MADE WITH 100% HARD WOOD CORE AND PANEL

Wudlay CLUB GOLD plywood is manufactured with 62% solid content PF resin, the composed veneer-face pre pressed panel is double hot pressed at 165 degree heat and at 18 kg/sq cm specific pressure. Wudlay CLUB GOLD Plywood is preservative treated with most trusted vacuum pressure impregnation to make it insect attack proof. It is versatile, reliable and predictable offers a guaranteed performance.

Wudlay CLUB GOLD range is top architectural club class product that conforms to IS 710 marine grade. It uniquely offers 'Low formaldehyde emission levels for healthy living conforming to E0 standards of European union.

SIZES : 8x4, 7x4, 8x3, 7x3

THICKNESS : 6mm, 9mm, 12mm, 16mm, 18mm, 25

USP :

- Club Class Architectural product
- Contains very high mechanical properties
- Reliable and safe for intended life of the structural component
- Capable of long term structural load
- Borer & Termite Proof, very high density
- 31 Warranty against Delamination, Insect attack, bending



MARINE TECHNICAL SPECIFICATIONS (IS:710:2010)

	Dimensions	ISI Requirements	Observed Values
1.	Length	2440 + 6 0	2442mm
2.	Width	1220 + 3 0	1222mm
3.	Thickness	19mm ± 5%	18.60mm
4.	Squareness	2mm/1000mm	0.96mm
5.	Edge straightness	2mm/1000mm	0.52mm
Physical properties			
6.	Density	0.65	0.651
7.	Moisture contents	5 – 15%	7.35%
8.	Adhesion of plies (in dry state)	Some adherent fibre distributed more or less uniformly	Satisfactory
9.	Adhesion of plies (in wet state)	do	Satisfactory
10.	Glue shear strength (in dry state)	Avg. – 1350N Ind. – 1100N	1425N 1188N
11.	Glue shear strength (in wet state)	Avg. – 1000N Ind. – 800N	1272N 930N
12.	Tensile strength	Along the grain 42.0N/mm ² Across the grain 25.0N/mm ² TOTAL 84.5N/mm ²	60.05N/mm ² 40.20N/mm ² 100.25N/mm ²
13. STATIC BENDING STRENGTH (DRY STATE)			
	Along the grain M.O.E.	Avg. – 7500N/mm ² Ind. – 6700N/mm ²	8510 N/mm ² 7250 N/mm ²
	Across the grain M.O.E.	Avg. – 4000N/mm ² Ind. – 3600N/mm ²	4850 N/mm ² 4105 N/mm ²
	Along the grain M.O.R.	Avg. – 50 Ind. – 45	68 N/mm ² 55 N/mm ²
	Across the grain M.O.R.	Avg. – 30 Ind. – 27	48 N/mm ² 29 N/mm ²
14. STATIC BENDING STRENGTH (WET STATE)			
	Along the grain M.O.E.	Avg. – 3570N/mm ² Ind. – 3400N/mm ²	4520 N/mm ² 3750 N/mm ²
	Across the grain M.O.E.	Avg. – 2000N/mm ² Ind. – 1800N/mm ²	2890 N/mm ² 2230N/mm ²
	Along the grain M.O.R.	Avg. – 25 Ind. – 22	37 N/mm ² 25 N/mm ²
	Across the grain M.O.R.	Avg. – 15 Ind. – 13	21 N/mm ² 15 N/mm ²
15.	Retention of preservatives (ACC)	12kg./m ³	12.98kg./m ³
16.	Mycological Test		
	a) Show no separation sign.		Satisfactory
	b) Glue shear strength	Avg. – 1000N Ind. – 800N	1250 N 1010 N
	c) Adhesion of plies	Adherent fibre distributed more or less uniformly	Excellent

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E0 RESIN, BWP, MARINE GRADE PLYWOOD, IS: 710 MADE WITH 100% HARD WOOD CORE AND PANEL

Wudlay CLUB 500 is BWP grade MARINE PLYWOOD that has 31 year warranty on product. This most premium product of Wudlay plywood uses selected hard wood species to get the full length 8x4 core veneer.

It is guarantee that Wudlay CLUB500 PLYWOOD of BWP grade is made of 100 % hard wood core of high density . The CLUB 500 range uses only those hard wood timber species that are obtained from legal sourcing or of sustainable plantation origin. The Wudlay CLUB500 plywood is environment friendly and made with E0 grade resin that has no formaldehyde emission. The sustainable and most durable Wudlay CLUB500 product is best for permanent, strong and engineered application.

It is dimensionally stable and manufactured to a strict specification with calibrated and uniform thickness of tolerance of +/- 0.15 mm. It has 0.4 mm plus thickness of face veneer that ensures a split free and flaw less top Surface finish. It comes with prepressed and all layers poisoning process for long life . The Wudlay CLUB 500 range confirms online factory verification and monitoring for stiffness and strength of plywood.

SIZES : 8x4, 7x4, 8x3, 7x3

THICKNESS : 6mm, 9mm, 12mm, 16mm, 18mm, 25

USP :

- Club Class Architectural product
- Contains very high mechanical properties
- Reliable and safe for intended life of the structural component
- Capable of long term structural load
- Borer & Termite Proof, very high density
- 31 Warranty against Delamination, Insect attack, bending

TECHNICAL SPECIFICATIONS (IS:710)

	TEST	ISI REQUIREMENT	Observed Value
1	Moisture Content	5% - 15 %	8%
2	Glue Sheer Strength (Dry State)	Min. Ind. 1100 N Min. Avg 1350 N	1350 N 1500 N
3	Adhesion to plies	Minimum Pass Standard	Excellent
4	Glue Sheer Strength (after 72 hrs. Boiling)	Min. Ind. 800 N Min. Avg 1000 N	1150 N 1250 N
5	Tensile Strength Along the grain - Across the grain - sum of Tensile strength -	4200 N / sq. mm 2500 N / sq. mm 8450 N /sq. mm	5500 N / sq. mm 3950 N / sq. mm 9400 N / sq. mm
6	Static Bending Strength		
a	Modulus of Rupture - Along the grain - Across the grain	50 N / sq. mm 30 N / sq. mm	65 N / sq. mm 40 N / sq. mm
b	Modulus of Elasticity - Along the grain - Across the grain	7500 N / sq. mm 4000 N / sq. Mm	8305 N / sq. mm 4170 N / sq. Mm

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PROTECTED

100% WATER PROOF, TERMITE AND BORER PROTECTED, MADE WITH 100% GOLD PINE WOOD, HIGH DENSITY, IS:1659

Wudlay CLUB500 BLOCK BOARD is manufactured from the GOLD PINE timber, a naturally termite protected wood species well known for its high strength and durability. It is available in BWP grade. This BWP grade is bonded with high solid content phenol Formaldehyde Resin under high pressure and temperature.

Every Wudlay CLUB500 Board is 4 times pressed under the controlled heat of 130°C and extreme pressure to compress the veneer-resin pack to obtain superior quality plywood.

Wudlay CLUB500 Block board, confirming to IS:1659 Standards, is a high-quality product offering from Wudlay that guarantees for its bond quality, durability, straightness. The resin used inside of Block boards are high solid content and high bonding strength. All Wudlay CLUB500 boards are treated for protection against termite and borer.



TECHNICAL SPECIFICATIONS (IS:1659)

	TEST	ISI REQUIREMENT	Observed Value
1	Dimensional Changes caused by Humidity		
a)	Changes, mm from 65% RH to 90% RH from 65% RH to 40% RH	+ 1mm Max - 1mm Max.	+ 0.50 mm - 0.55 mm
b)	Local Planeness	< 1/150	< 1/175
c)	At the extreme range of humidity	No de-lamination at the extreme range of humidity	No de-lamination observed
2	Adhesion of the plies	Minimum pass standard	Excellent
3	Resistance to water (72 hours boiling)	No de-lamination after 72 hours boiling	No de-lamination
4	Resistance to Micro organisms	No appreciable sign of separation at edges.	No separation at edges
5	Modulus of Elasticity	Min. 5000 N / sq.mm	6050 N / sq.mm
6	Modulus of Rupture	Min. 50 N / sq.mm	61 N / sq.mm

SIZES : 8x4 **THICKNESS :** 19mm, 25mm

USP :

- 100% Termite and borer proof
- High durability due to GOLD PINE timber.
- High density block board
- 100% water proof
- Bending and warping resistance
- Super smooth surface

100% WATER PROOF,
TERMITE AND BORER PROTECTED,
MADE WITH 100% GOLD PINE WOOD,
HIGH DENSITY, IS:2202

Wudlay CLUB500 Flush door is a strong, durable and guaranteed product, that is manufactured to stay for years in varying weather conditions. With excellent build quality, exceptional finish and unique dimensional stability, Wudlay CLUB500 flush doors are a guaranteed product. It is made of selected matured GOLD PINE frames processed in latest Gang saw machines and precisely sawn battens.

The strict manufacturing process of using same species of timber in each Door ensure Doors dimensional accuracy, No weather effect and 100 percent Flatness with long life.

Wudlay CLUB500 flush Doors with IS:2202 in BWP Grade is made using Gold Pine because of which the bonding strength in every flush door guarantees for zero delimitation. Each door is treated with environmentally friendly and highly efficient anti termite borer chemical processing to make it Protected from fungal attacks, Termite and Borer infiltrations and soil impacts.

With outstanding laboratory testing schedule, every batch of doors is designed to protect any facility from an effect of weather, micro-organism attacks and day to day impacts.

ADVANTAGES :

- Manufactured with high solid content resin for better bonding.
- High screw holding capacity.
- High shock resistance.
- Boiling water proof.
- Smooth surface.
- Lab tested and eco friendly.
- Zero gap and zero bending.
- Free from corrugation and roughness.

TECHNICAL SPECIFICATIONS (IS:2202)			
	TEST	ISI REQUIREMENT	Observed Value
1	Dimension	Length, Width - + 5 mm Thickness - + 1 mm	Within limits
2	Squareness	Deviation not more than 1 mm on a length of 500mm	Deviation below 1 mm
3	General Flatness	Twist, cupping, warping not to exceed 6 mm	
4	Local Planeness	Depth of deviation at any point to be less than 0.5 mm	Within limits
5	Impact Indentation Test	Depth of Indentation not to exceed 0.2 mm	Within limits
6	Edge Loading Test	Deflection of edge with max. To be less than 5 mm	Within limits
7	Shock Resistance Test	No visible defect after test	No visible defects
8	Buckling Test	Initial deflection - < 50 mm residual deflection - < 5 mm	Within limits
9	Slamming Test	No visible damage after Test	No visible damage
10	Misuse Test	No deformation after Test	No deformation
11	Varying Humidity Test	No visible warping, twisting or de-lamination	No such defects observed
12	End Immersion Test	No de-lamination at the end	No de-lamination
13	Knife Test	Minimum Pass Standard	Excellent
14	Glue Adhesion Test	No de-lamination	No de-lamination
15	Screw Withdraw Test	Load to withdraw screw to be more than 1000 N	Load -> 1000 N

BWP AND BWR GRADE PLYWOOD, IS: 710, IS: 303
MADE WITH 100% HARD WOOD CORE AND PANEL

Made with complete 8x4 Core & Panels and four times pressed technology, Wudlay 710 is premium quality plywood perfect for premium projects. Manufactured with 100% hard wood, every veneer is layered with specifically developed resin of 60.0% solid content through a 8 feet long glue spreader.

Wudlay 710 is a product designed for high-value creative needs and premium class wood working. The Wudlay 710 plywood is manufactured from all hardwood veneers for high density and strength.

With single stage Resin formula, each composing goes through four times pressing process. Wudlay 710 plywood is pressed at an extremely high temperature of 160 Degree Celsius and high pressure. This special product range of Wudlay 710 plywood is available in BWP and BWR grade.



WUDLAY PLY **710** BOARD
Wonder from Timber
 100% HARDWOOD

E1
 GRADE

21 YEARS WARRANTY | BWR GRADE

100% WATER PROOF,
 TERMITE AND BORER PROTECTED,
 MADE WITH 100% GOLD PINE WOOD,
 HIGH DENSITY, IS:1659

Wudlay 710 Block Boards are made utmost care and perfection to avoid any gap inside the block board. Wudlay 710 block board is bonded with Fortified Phenol Formaldehyde Synthetic Resin to make it 100% water proof. These block boards are made with 100% pine wood frames and battens.

The Wudlay 710 block board is a premium quality board with high resistant properties against borer and termite attacks. The wooden battens inside the board are thoroughly seasoned in scientifically run seasoning kiln plants and then cut with great precision to obtain uniform thickness.

These battens are systematically arranged and utmost care is taken to avoid any extra gap between the battens. Regular test are conducted to maintain the quality of block boards as per the standards of IS:1659.

Anti termite and borer organic compound infusion in the premium quality Wudlay 710 Block board gives it the ultimate resistant properties to hold back the product from the attacks of borers and termites. Wudlay 710 Block board is capable of sustaining itself from the impact of attacks, rendering greater value to the product, in terms of life and usability.



SIZES : 8x4 THICKNESS : 19mm, 25mm

USP :

- 100% Termite and borer proof
- High durability due to GOLD PINE timber.
- High density block board
- 100% water proof
- Bending and warping resistance
- Super smooth surface

MADE WITH
MATPLY

FOUR TIMES
 PRESSED

CALIBRATED
 PLYWOOD

COMPOSED WITH
AUTO CORE
 COMPOSER

HIGH DENSITY
 LONG LIFE

TERMITE
 PROTECTED

WUDLAY PLY **710** DOOR
Wonder from Timber
 100% HARDWOOD

E1
 GRADE

21 YEARS WARRANTY | BWR GRADE

100% WATER PROOF,
 TERMITE AND BORER PROTECTED,
 MADE WITH 100% GOLD PINE WOOD,
 HIGH DENSITY, IS:2202

Wudlay 710 flush door guarantee you for its excellent built quality. It is one of the most durable flush door with excellent quality, exceptional finish and unique dimensional stability. It is made of selected Gold pine wood frames and accurate battens. It is evenly constructed with same species of timber that matters the most in providing longer life. BWP grade of Phenol Formaldehyde resin is used for bonding the layers.

Wudlay 710 flush door is treated with most advanced organic compound to protect it from termite, borer and other wood destroying organisms. It has extra lock rail that provides sufficient strength to the handles and knobs. Its hardwood frames provide strength for fitting of hinges and anti deviation resistance. These flush doors are shop-floor tested and conforms to IS: 2202 specification.

The strict norms of using high density species of timber in each Door ensure Doors dimensional accuracy, No weather effect and 100 percent Flatness with long life.

THICKNESS: 30 mm, 32mm, 35mm

ADVANTAGES :

- Manufactured with high solid content resin for better bonding.
- High screw holding capacity.
- High shock resistance.
- Boiling water proof.
- Smooth surface.
- Lab tested and eco friendly.
- Zero gap and zero bending.
- Free from corrugation and roughness.



WUDLAY PLY **710** DOOR
Wonder from Timber
 100% HARDWOOD

WUDLAY PLY
Wonder from Timber
CALIBRA16PRO
KITCHEN SPECIAL PLYWOOD

EO
GRADE

25 YEARS
WARRANTY

MARINE
GRADE

EO RESIN, KITCHEN SPECIAL PLYWOOD,
MADE WITH 100% HARD WOOD CORE AND PANEL
AVAILABLE IN MARINE GRADE.

Wudlay CALIBRA 16 PRO is manufactured as the need of kitchen wood working. Wudlay CALIBRA16 PRO is made with high density timber and bonded with high solid content resin of 54% solid content resin to make it tough against moisture and water. It is manufactured with 8x4 ft core and panel and composed with auto core composer to avoid the gap and overlap inside the plywood.

Since it get used in kitchen interior so it is made with eco-friendly resin that resist to release and harmful emission.

Wudlay CALIBRA16 PRO is pressed with four times press technology by using MAT process. CALIBRA16 is available in BWP, marine grade quality so you can choose to manufacture long life kitchen furniture.



MADE WITH **MATPLY** **CALIBRATED**
PLYWOOD

TERMITE
PROTECTED

FOUR TIMES
PRESSED

HIGH DENSITY
LONG LIFE

COMPOSED WITH **AUTO CORE**
COMPOSER

WUDLAY PLY
Wonder from Timber
CALIBRA16PRO
KITCHEN SPECIAL PLYWOOD

WUDLAY PLY
Wonder from Timber
CALIBRA16
KITCHEN SPECIAL PLYWOOD

15 YEARS
WARRANTY

MR
GRADE

EO RESIN, KITCHEN SPECIAL PLYWOOD,
MADE WITH 100% HARD WOOD CORE AND PANEL
AVAILABLE IN MR GRADE.

Wudlay CALIBRA16 plywood is made with 100% Hardwood veneer peeled from environmentally favouring, farm-grown EUCALYPTUS trees. This plywood is most suited panel for interior furniture and may be used at occasional moisture-prone areas.

Each hardwood core and panels are used with a moisture content of 6.0%, the bonding process is adequately done using highly viscous Melamine fortified resin with a solid content of 54.0%. Wudlay CALIBRA16 plywood uses natural extenders and hardening agents inside that does not skip any wood pores thus provide uniform bonding.

It is 4 times pressed under the temperature of 130°C and extreme pressure to compress the hardwood veneer and resin pack to obtain consistent quality High-Density.

Conforming to IS 303 Standards, Solid and heavier this plywood provide excellent resistant against termites and borer.



BWP AND MR GRADE PLYWOOD, IS: 710, IS: 303 MADE WITH POPLAR AND EUCALYPTUS CORE AND PANEL

TECHNICAL SPECIFICATIONS (IS:303:2010)

	Test	ISI Requirements	Observed Values
1.	Grade	BWR, MR	MR
2.	Moisture Content	5-15%	7%
3.	Density	0.65 to 0.70 gm/cm ³	0.70 gm/cm ³
4.	Resistance to Water (3 cycles of hr Boiling & 16 hr Drying at 65OC)- adhesion to plies	Min pass	Excellent
5.	Resistance to Micro Organism- Adhesion to plies	Min Pass	Excellent
A	Modulus of Elasticity - Along the Grain - Across the Grain	Avg. Min 5000 N/mm ² Avg. Min 2500 N/mm ²	7500 N/mm ² 4000 N/mm ²
B	Modulus of Rupture - Along the Grain - Across the Grain	Avg. Min 40 N/mm ² Avg. Min 20 N/mm ²	60 N/mm ² 35 N/mm ²
6	Tensile Strength - Along the Grain - Across the Grain - Sum of Tensile Strength	Avg. Min 42.00 N/mm ² Avg. Min 25.00 N/mm ² Avg. Min 84.50 N/mm ²	52 N/mm ² 38 N/mm ² 90 N/mm ²

Wudlay ULTIMATE plywood is made with high density timber, peeled from environmentally favouring, farm-grown EUCALYPTUS and POPLAR trees. With uniform thickness core and panels, Wudlay ULTIMATE plywood is most suited panel for interior furniture and may be used at moisture-prone areas.

Keeping balanced moisture content of 6.0%, the bonding process is done with high solid content MUF and PF resin for MR grade and BWP grade respectively. Due to the use of natural extenders and hardening agents inside that does not skip any wood pores thus provide uniform bonding.

Wudlay ULTIMATE Plywood is 4 times pressed under the temperature of 130°C and extreme pressure to compress the hardwood veneer and resin pack to obtain consistent quality High-Density in plywood.

SIZES : 8x4, 7x4, 8x3, 7x3 **THICKNESS :** 6mm, 9mm, 12mm, 16mm, 18mm, 25

USP :

- Made with selected high density timber • Bonded with PF resin • 100%water proof
- Termite and borer resistant • 72 hour boiling test passed



BWP GRADE AND MR GRADE PLYWOOD, IS: 710, IS: 303 MADE WITH POPLAR AND EUCALYPTUS CORE AND PANEL

Wudlay ULTIMATE PRO Plywood is a high-performance product, manufactured in India's most advanced factory equipped with ultra modern machines.

Wudlay ULTIMATE PRO Plywood is 4 times pressed under the controlled heat of 150°C and extreme pressure to compress the veneer-resin pack to obtain superior quality in every piece of Plywood.

Both side 100% Calibrated Wudlay ULTIMATE PRO plywood is most dimensionally stable and amazingly durable plywood, which ensures satisfaction for entire woodworking needs for a designer and the house owner.

Every piece of Wudlay ULTIMATE PRO Plywood is made with high grade treated wood veneers from matured plantation timbers of Eucalyptus and Poplar.

With each veneer measured at 6.0%moisture content, the curing process is done using highly viscous resin with a solid content of 60.0 %. Every Wudlay ULTIMATE PRO plywood is offering maximum Protection, this Plywood is treated with specially formulated chemicals, enabling every inch of Plywood protected from 'Termite and Borer'.

SIZES : 8x4, 7x4, 8x3, 7x3

THICKNESS : 6mm, 9mm, 12mm, 16mm, 18mm, 25

USP :

- Made with selected high density timber
- Bonded with PF resin
- 100%water proof
- Termite and borer resistant
- 72 hour boiling test passed





**TERMITE PROOF
GUARANTEE**

CALIBRATED, PRE-LAMINATED PLYWOOD WITH LAMINATE MOISTURE RESISTANT/WATER RESISTANCE

Keeping with the latest design trends, Wudlay SHINE plywood offers a design collection which ensures that you need to look no further in terms of design and quick service delivery. The idea is to offer you an array of styles and combinations that you can choose from. It is simply an intelligent offering for the interiors where time saving is offered with various laminate décor designs.

Wudlay SHINE PLYWOOD has unique quality that saves your money spent on Laminate buying, pasting and carpentry charges at the same time offers 45 % time saving to give you a finished, ready to use decorative panel. Laminated plywood undergoes a particular process to test its resistance against stains and scratches. It is dimensionally stable and an ideal choice for high-quality projects.

Sizes: 8x4 | Thickness: 18mm

USP:

- Saves money, time and offers huge strength compared to Particle Boards
- Wide design Range
- Calibrated & Super smooth surface
- Colour fastness of top surface
- Carpenter Friendly

MADE WITH
MATPLY

CALIBRATED
PLYWOOD

FOURTIMES
PRESSED

TERMITE
PROTECTED

HIGH DENSITY
LONG LIFE

COMPOSED WITH
AUTO CORE
COMPOSER



FILM FACE SHUTTERING PANEL

FIRE RETARDANT PLYWOOD,
100% WATER PROOF, MARINE GRADE, IS:5509, IS:710
MADE WITH 100% HARD WOOD,
EUCALYPTUS CORE AND PANEL

WUDLAY film face shuttering plywood is perfect for concrete shuttering and frameworks. It is manufactured with best-selected timber of high density veneers. It is bonded with Phenol Formaldehyde Resin to provide it water proof properties. An external coating of Phenolic Polymer Film made in-house with imported craft paper gives a super smooth, uniform surface finish.

WUDLAY Film face shuttering plywood is a product for high-end construction uses. The phenolic film plywood has a glossy surface that gives the product long life and great value in terms of re-use. This plywood withstands the corrosive action of cement, water and sunlight.

WUDLAY shuttering ply is foremost choice of leading quality conscious architects and civil construction engineers.

SIZES : 8x4 THICKNESS : 12mm, 18mm

ADVANTAGES :

- It can be used in making furniture after the complete use of shuttering.
- It gives more number of repetitions.
- Provides smooth surface to concrete form work.
- It is economical in ratio to its number of uses.

12MM

30 KG
34 KG

18MM

45 KG
50 KG

