



AN ISO 9001:2008 Certified Company





THE COMPANY



QUALITY ASSURANCE

RealBond PLYWOOD Private Limited is well known name in plywood trade. The organization is focused in marketing of wide range of panel products. The directors of the company have been serving this trade since last 25 years. The Company insists on honesty, integrity and fairness in all aspects of its business and expects the same in its relationships. A well established infrastructure helped the company in achieving big goals since years. The Company continuously focuses its efforts to better understand the consumer needs in order to provide customer delight through its products offerings.

Our products enable people to relax, have a good time and enjoy. From the moment they buy, they are touched by an unforgettable experience.

We provide good quality products to customers with respect and faith; we grow through creativity, invention, and innovation.





OUR PRODUCTS INCLUDES...

Selected Timber Species

RealBond Plywood is manufactured by choosing the best of timbers species and Gurjan logs. Once fully matured, they develop great resistance towards termites and borer naturally.

Glue Line Protection and Bonding Techniques

Manufacturing RealBond Plywood involves treating each layer of the veneer core selectively graded with our resin specially formulated in-house with anti-termite and anti-borer properties.

Calibration Technology

RealBond Plywood undergoes calibration process to achieve uniform thickness. It makes the ply an ideal panel product for mechanized automated furniture manufacturers. Prior to lamination of the face veneer, we take the extra step of calibrating the plywood using our imported high-end calibrator machine.

Extensive Product Range

We have developed a wide range of product over the time to meet the market demands and innovation in the building and construction industries. Our R&D team is committed to developing and enhancing our product line to full-fill and cater to the ever-evolving construction industry.



PLATINUM



RealBond PLYWOOD - PLATINUM is manufactured using 100% selected premium tropical hard wood and bonded with high grade unextended PF resin. It has Superior bonding strength between veneers so that it is virtually unaffected by moisture and dampness. RealBond PLYWOOD - PLATINUM can withstand severe climatic conditions. It passes through various quality measures starting from selection of high density timbers, strict control of face veneer and bonded with special high grade quality of phenol resin.



- ✓ Selected Premium Tropical Hardwood
- ✓ E-1 Grade Unextended Phenolic Resin
- ✓ Glue Line Protected
- ✓ 3 Stage Preservative Treated
- ✓ Borer & Termite Resistant
- ✓ Unique Quatern Process
- ✓ Dimensionally Stable
- ✓ All Season proof
- ✓ Zero core gap

MARINE

IS:710 GRADE

100% Life Time Guarantee*

on RealBond PLYWOOD - PLATINUM - IS 710

*Terms and Conditions:

- ✓ The Lifetime Guarantee period starts at the time of product's original purchase by the first end user.
- ✓ Guarantee is applicable on RealBond PLYWOOD - PLATINUM range only.
- ✓ It is mandatory to retain a copy of the bill with clear mention of billing date & product details, to lodge the complaint, if any.
- ✓ In case of complaint, one should send written information, stating the product details and problem along with a photocopy of the bill.
- ✓ Company reserves the right to take sample from the damaged portion of the plywood for checking at in-house laboratory.
- ✓ On satisfactory proof, it shall replace equal quantity of the affected plywood only.
- ✓ Guarantee does not cover the natural wear & tear and abnormal use of the material or stored beyond the normal tolerance limit of the temperature and humidity.
- ✓ The Guarantee does not cover if the product/materials are improperly installed or finished.

MARINE PLYWOOD - IS:710:2010

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	4200 N / sq. mm	5500 N / sq. mm
- Across the grain	2500 N / sq. mm	3950 N / sq. mm
- Sum of Tensile Strength	8450 N / sq. mm	9400 N / sq. mm
6 Static Bending Strength		
a Modulus of Rupture		
- Along the grain	50 N / sq. mm	65 N / sq. mm
- Across the grain	45 N / sq. mm	59 N / sq. mm
b Modulus of Elasticity		
- Along the grain	7500 N / sq. mm	8305 N / sq. mm
- Across the grain	4000 N / sq. mm	4170 N / sq. mm

STANDARD SIZES (CM) 244X122 214X122 184X122 244X92 214X92 184X92

STANDARD THICKNESS (MM) 4 6 9 12 16 19 25



GOLD



RealBond PLYWOOD - GOLD is manufactured by using selected premium hardwood logs. All the logs are kept in preservative mixed water tank for a fixed period before sending it for peeling. Resin used is manufactured as per the guidelines provided by BIS.

25 YEARS GUARANTEE

- ✓ Selected Premium Hardwood
- ✓ Unique Quatern Process
- ✓ E-1 Phenolic Resin
- ✓ Preservative Treated
- ✓ Glue Line Protected
- ✓ Dimensionally Stable
- ✓ Borer and Termite resistant
- ✓ No core gap



MARINE
IS:710 GRADE



25 YEARS Guarantee*

RealBond PLYWOOD - GOLD - IS 710

*Terms and Conditions:

- ✓ **25 Years Guarantee** period starts at the time of product's original purchase by the first end user.
- ✓ **25 Years Guarantee** is applicable on RealBond PLYWOOD - GOLD range only.
- ✓ It is mandatory to retain a copy of the bill with clear mention of billing date & product details, to lodge the complaint, if any.
- ✓ In case of complaint, one should send written information, stating the product details and problem along with a photocopy of the bill.
- ✓ Company reserves the right to take sample from the damaged portion of the plywood for checking at in-house laboratory.
- ✓ On satisfactory proof, it shall replace equal quantity of the affected plywood only. No refund of money will be entertained.
- ✓ Guarantee does not cover the natural wear & tear and abnormal use of the material or stored beyond the normal tolerance limit of the temperature and humidity.
- ✓ The Guarantee does not cover if the product/materials are improperly installed or finished.

Note—Any complaint will be considered valid if the above conditions are met.

MARINE PLYWOOD - IS:710:2010

Test	ISI Requirement	Observed Value
1 Moisture content	5%- 15%	11%
2 Glue Sheer Strength (Dry State)	Min. Ind. 1100 N Min. Avg 1350 N	1210 N 1470 N
3 Adhesion to plies	Minimum Pass Standard	Pass Standard
4 Glue Sheer Strength (after 72 hrs. Boiling)	Min. Ind. 800 N Min. Avg 1000 N	910 N 1140 N
5 Tensile Strength		
- Along the grain	4200 N / sq. mm	4800 N / sq. mm
- Across the grain	2500 N / sq. mm	3800 N / sq. mm
- Sum of Tensile Strength	8450 N / sq. mm	8600 N / sq. mm
6 Static Bending Strength		
a Modulus of Rupture		
- Along the grain	50 N / sq. mm	56 N / sq. mm
- Across the grain	45 N / sq. mm	49 N / sq. mm
b Modulus of Elasticity		
- Along the grain	7500 N / sq. mm	8090 N / sq. mm
- Across the grain	4000 N / sq. mm	4170 N / sq. mm

STANDARD SIZES (CM) 244X122 214X122 184X122 244X92 214X92 184X92

STANDARD THICKNESS (MM) 4 6 9 12 16 19 25



BWR GRADE IS:303

RealBond plywood bonded with BWR resin that can endure extreme weather condition & withstand alternate drying & wetting. The high strength hardwood veneer and the superior bonding strength of BWR of type Phenol Formaldehyde synthetic resin adhesive adds extra durability to the product. RealBond BWR Plywood is specially designed for those who want at an affordable cost.

- ✓ Confirms to IS-303
- ✓ Selected hardwood species
- ✓ Preservatives treated
- ✓ Glue line protected
- ✓ Unique Quatern Process
- ✓ Dimensionally Stable

STANDARD SIZES (CM) **244X122** **214X122** **184X122** **244X92** **214X92** **184X92**

STANDARD THICKNESS (MM) **4** **6** **9** **12** **16** **19**



MR GRADE IS:303



RealBond PLYWOOD - MR GRADE

- ✓ Moisture Resistance
- ✓ Confirms to IS-303
- ✓ Protected against any micro organism problems
- ✓ Selected hardwood
- ✓ E-1 Grade Resin
- ✓ Unique Quatern Process
- ✓ Dimensionally Stable

STANDARD SIZES (CM) **244X122** **214X122** **184X122** **244X92** **214X92** **184X92**

STANDARD THICKNESS (MM) **4** **6** **8** **12** **15** **18**



FILM FACE (IS : 4990)



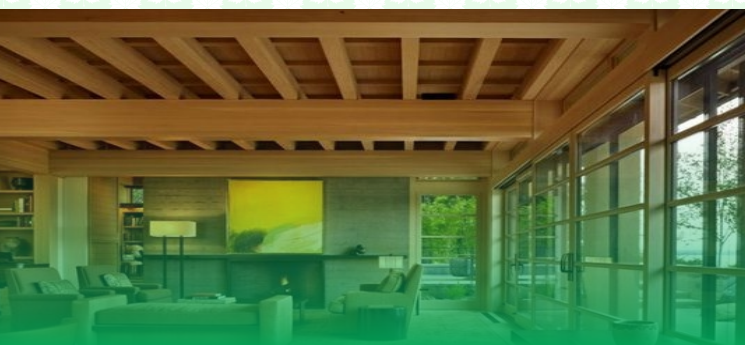
RealBond densified shuttering Plywood is compact and toughened quality structural plywood. This is the most elegant, durable, superior film faced densified shuttering Ply. Its strength factor exceeds to withstand any amount of load of concrete and the vibration caused by pouring the concrete. The technique used to manufacture this plywood is a unique 'Heating-Cooling cycle' process.

Using selected hardwood veneers, BWP grade of phenol formaldehyde resin-conforming to IS 848:1974 is used for bonding. Permanent preservative treatment in a vacuum pressure impregnation plant makes it resistant to termites and other micro-organisms.



BLOCK BOARD (IS : 1659)

FLUSH DOOR (IS : 2202)



RealBond Block Boards are made in Moisture Resistant & Boiling Water Resistant Grade. The wooden battens 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 tests are conducted to maintain the quality of block boards as per standards of IS : 1659.



RealBond FLUSH DOORS are known for its load bearing capacity. Full size frames are used for better strength. Both side lock rail are provided for sufficient strength to the handles and knobs. All core, battens and frames are treated with special chemical, which make the door stable in case of bore and termite attack. BWP grade PF resin is used during manufacturing which provide long life.



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