

TRIPLE POWERED PLYWOOD



InterWood
Premium Plywood Range *Plus*

vidhata 





vidhata

The Genesis

Vidhata Group began its journey in 1971, with a vision to exemplify excellence and deliver quality & efficiency to people's lives everyday, everywhere. An organization with multi-industry presence, a robust technology track record and enviable market presence, Vidhata has now become an iconic brand synonymous with unparalleled quality and enduring trust. After pioneering the bulk trade of cement for over three decades, Vidhata's systematic phase wise

diversification to high end construction materials has seen its portfolio expand to the production, distribution and retail of cement, steel, plywood and other salient building & construction material along with AKC - its superlative chain of bath fittings, modular kitchens, plywood, cement, steel, tiles and accessories' retail stores.



** Model depiction of the plant (Scheduled to be commissioned by April 2010)*

Since foraying into plywood production under its flagship brand-InterWood, has successfully established itself as the market leader of hybrid engineered plywood. InterWood with its comprehensive range of premium plywood, InterWood Plus, has become a benchmark of unrivaled quality, strength, versatility and durability. Banking upon its pool of information, enriched by its experience of more than a decade and unmatched technological prowess, the company is increasingly expanding its footprint on a multi-regional platform.

STATE-OF-THE-ART INFRASTRUCTURE

One of the main reasons for Vidhata Group's indomitable surge in the highly competitive plywood industry is its sound infrastructure. With its ISO 9001:2000 certified state-of-the-art manufacturing facility spread over an area of approx. 40,000 sq. meters, equipped with the latest technology, in-house quality testing facilities and powered by a highly skilled staff, the company scores an edge over others in production capacity, product range and quality.



With InterWood Plus, you get a delightful expression of nature without harming the nature.

Eco - Friendly Plywood

Sustaining the environment

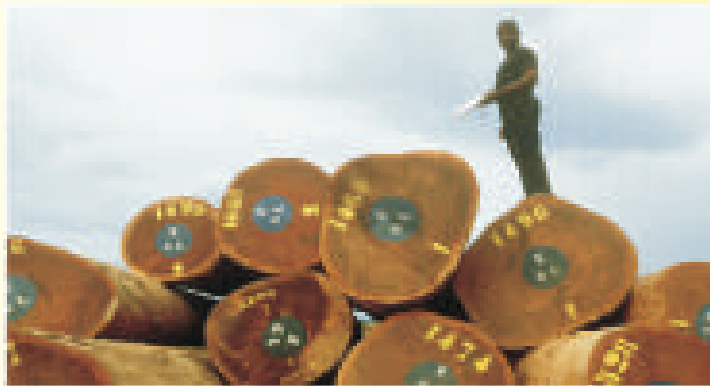
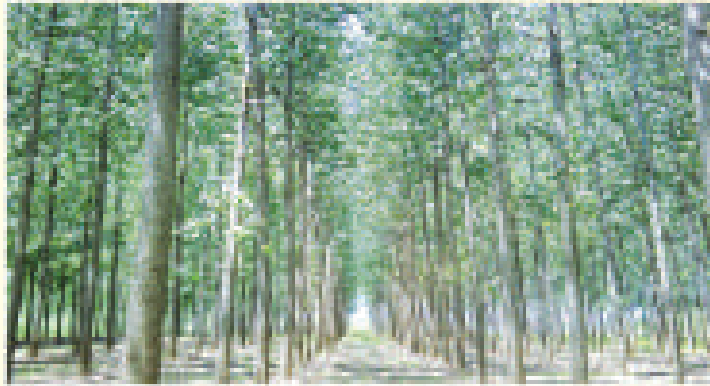
InterWood Plus uses only sustainable agro-based wood for its products. It's a conscious effort to minimize the pressure on nature's depleting resources with responsible procurement of sustainable wood like eucalyptus and poplar, incentivizing the regional growers in the process. Vidhata, with unparalleled investment in developing world-class technologies indigenously, strives to break unfounded notions about agro-based wood and give you a plywood that's far superior, stronger and more versatile than any other in the market.

Power-Packed to the Core

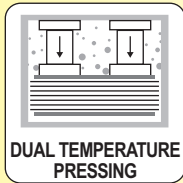
InterWood Plus has always input the best raw material which our trained team of wood selectors intricately select and source based purely on quality. This is solely because superior raw wood means a superior product.

To ensure optimum moisture content of the wood, conforming to BIS standards, systematically selected wood is then seasoned at our state-of-the-art “Multi Deck Dryer Systems” with minimal temperature variations and “Ultra Turbo Rotatio” seasoning chambers with modern air, pressure and humidity management. These Programmable Logic Control based systems result in increased strength, holding power, load capacity, paint-ability and glue-ability that ultimately improves the thermal properties of the wood and provides ultimate balance of moisture.

InterWood Plus plywood also has the triple power of the Dual Temperature Pressing, ECS technology & Surface Leveling Cipher.



Dual Temperature Pressing

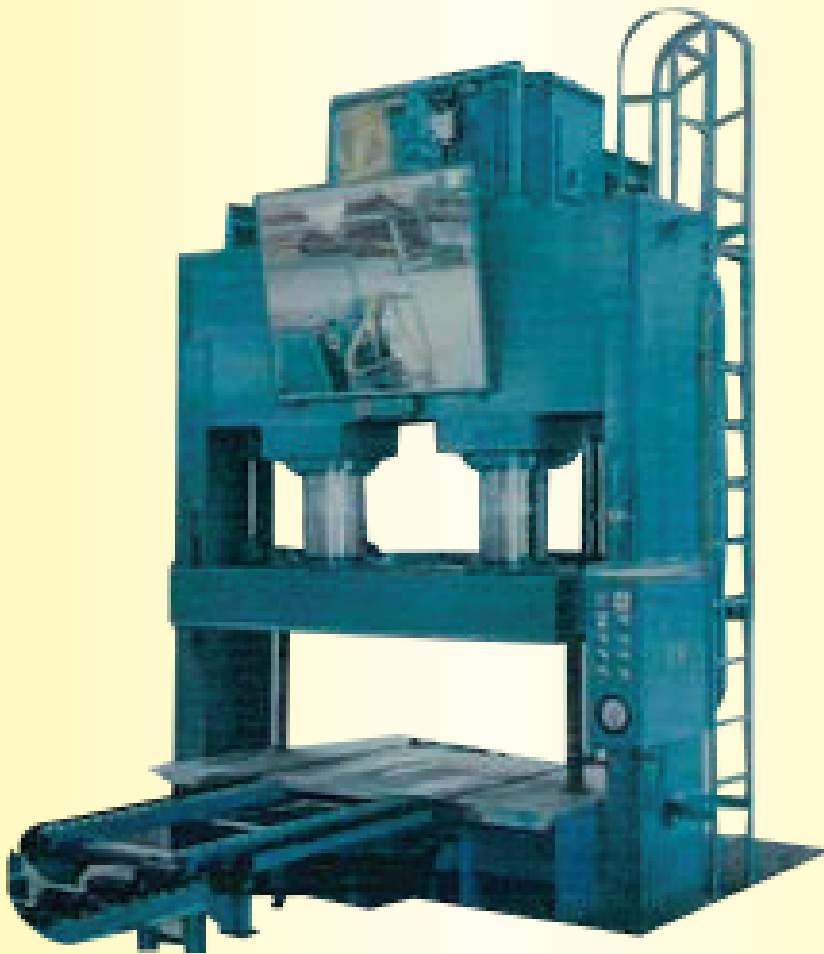


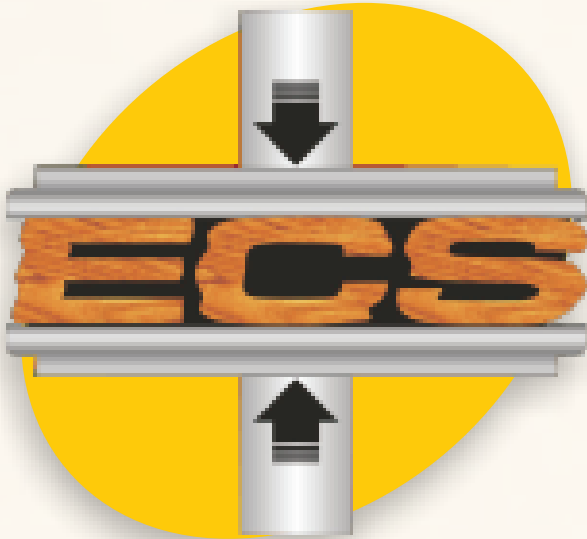
Less warp, More strength

InterWood Plus uses state-of-the-art Dual Temperature Pressing that produces the highest quality plywood currently available. Dual Temperature Pressing distributes glue evenly between the layers.

The additional time allowed for absorption of glue results into ultimate bonding strength.

Synchronized glue and heat application and stage wise compression between cold and hot press provides superior moisture control making the plywood warpless. It also increases the sheer strength, nail holding strength, modulus of elasticity, durability and longevity of InterWood Plus plywood.





The ECS Advantage



**Extra muscle, Extra power –
Guaranteed!**

InterWood Plus is the only brand in India to indigenously develop and use the avant-garde Extra Compression System to compress the wood with additional pressure which allows packing of extra wood into the same thickness of the plywood. It ensures better stability, better glue strength, more durability and increased density resulting in better sheer and better bending strength on all possible testing parameters.



Surface Leveling Cipher

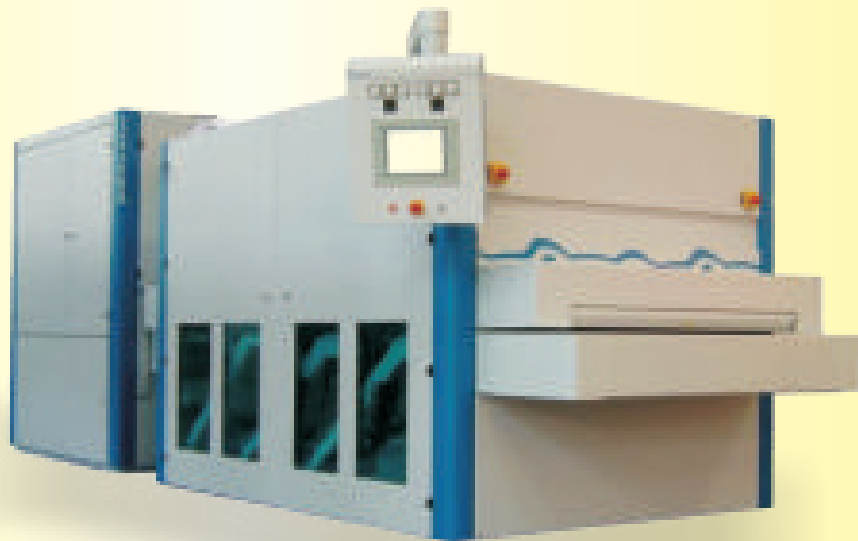


Creating the Perfect Plywood

Surface Leveling Cipher is the ultimate answer to the problems of poorly finished plywood in the country. At InterWood Plus, components like the base and face are calibrated and cold pressed on hi-tech machines before high density bonding is done. This indigenous Calibration Cipher provides multiple quality improvements such as no glue spots, virtually zero gradient with no gaps & a superior aesthetic finish.

Quality Improvements

- Quality Levels: A Grade
- Glue Spots: Zero
- Overlaps / Gaps: Minimal
- Gradient: Virtually Zero
- Side Finishing: Highest Grade
- Face Appearance: Glowing



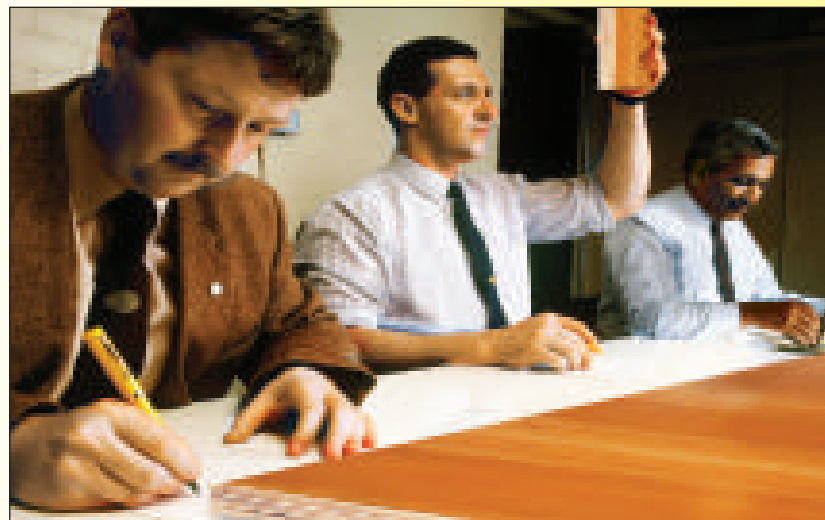
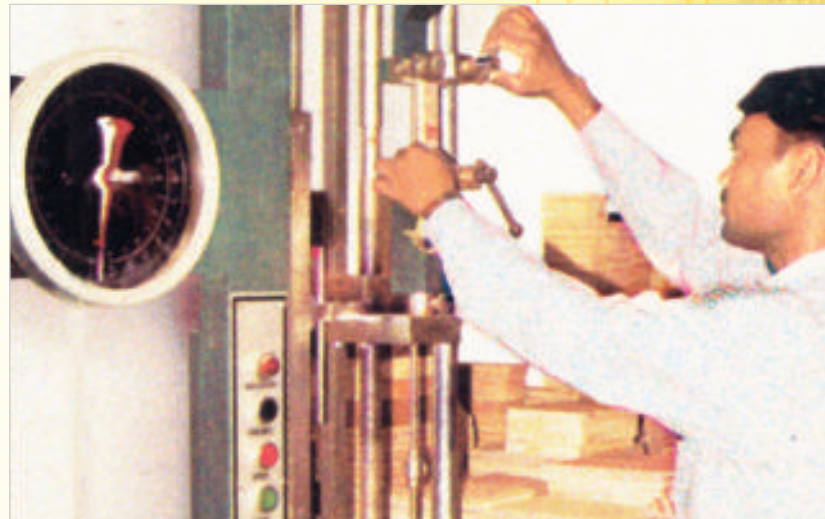
Glue Kettle

Better bonding, Better strength!

Glue is another indispensable component of plywood. To avoid inferior quality of glue, we are one of the very few companies who have in-house glue manufacturing as per stringent quality standards. Our continuous research and development initiatives in Glue Line Technology have afforded us the strength to promise lifetime bonding guarantee to our customers. Chemicals and additives are sourced from tier-I global majors. These chemicals form the basis of unmatched borer proofing & termite resistance.

Stringent Quality Checks

Before our products are offered in the market, a comprehensive testing schedule is followed to test our own claims. Special tests like Resistance to Micro-organisms, Adhesion of Plies, Mycological Test, Modulus of Elasticity and Rupture are performed to ensure superior quality. At this stage, test for tensile strength is conducted using advanced testing apparatus. It's this streamlined, systematic and stringent process towards excellence that makes our products the symbols of impeccable quality that stand the most exacting tests of time.





InterWood *Plus*

Premium Plywood Range

InterWood Plus has the triple power of Dual Temperature Pressing, ECS technology & Surface Leveling Cipher. The state-of-the-art surface leveling cipher calibrates the plywood ensuring stronger, smoother and warpless plywood with uniform thickness while the dual temperature pressing & the revolutionary extra compression system makes InterWood Plus the strongest & densest plywood. So, InterWood Plus isn't just another plywood, its - PLY KA BOSS!

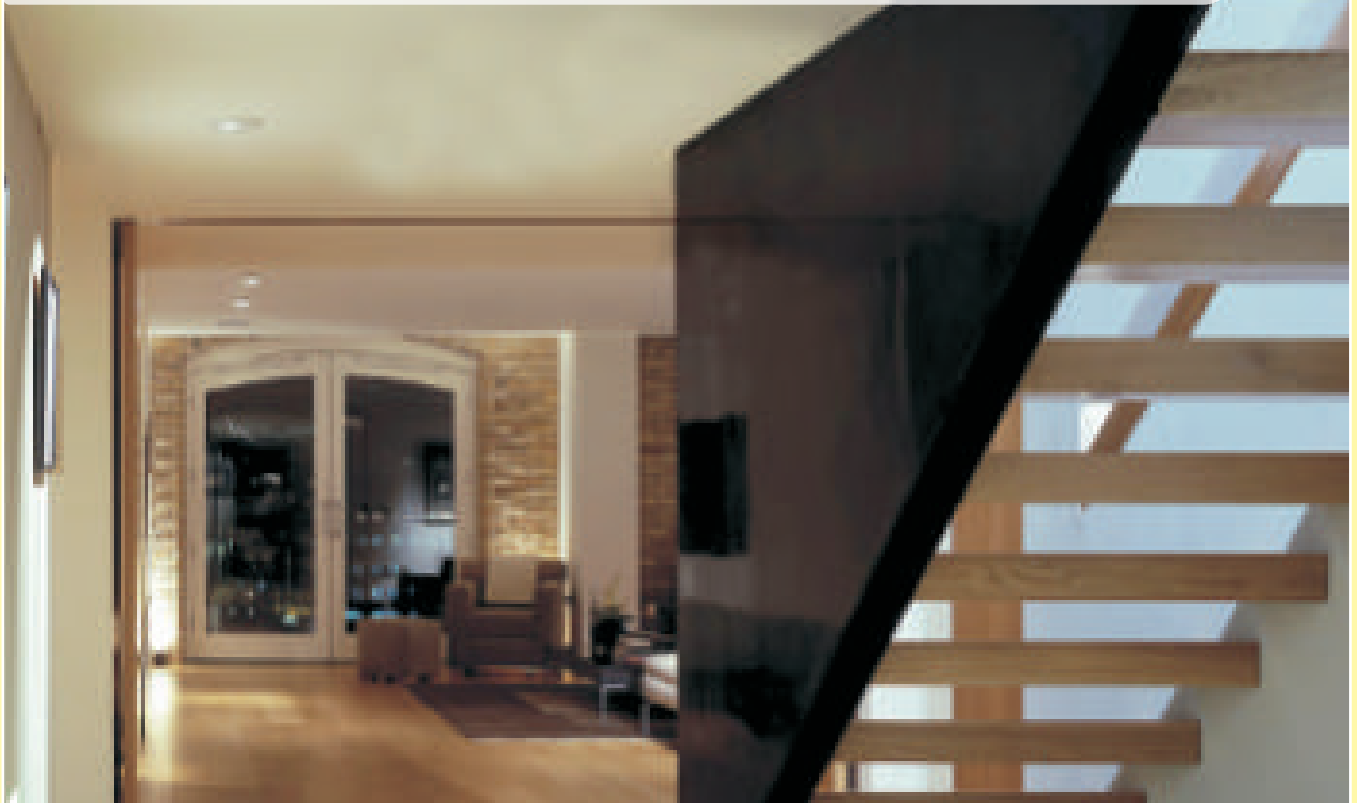
Block Board

MR GRADE - IS: 1659

Superior quality InterWood Plus block boards are made of the best breeds of hybrid Poplar, tagged as G-53 and G-48 grade, genetically engineered to resist borers, termites etc. This category provides general degree of moisture resistance and is commonly suited for interior applications. Block boards are manufactured to beautify the interiors with aristocracy.

BWP Grade - IS: 1659

These types of Block Boards carry the feature of boiling water resistance and are made of poplar with G-53 and G-48 grade. Where more durability is desired, InterWood Plus Block Board BWP is the ultimate choice for quality interiors.



Inputs

Poplar, Pine

Most asked

Thickness: 19mm, 25mm

Sizes: 8x4, 7x4, 6x4, 8x3, 7x3, 6x3

Applications

Furniture, Cupboards, Almirahs, Cabinets, Wall Paneling, Wooden Partitions, Ceiling, Interior Decoration, Prefabs, Kiosks, Bus & Truck Bodies, Railway Coaches etc.



Hybrid Plywood Commercial Grade

MR GRADE - IS: 303

This class of plywood also referred to Urea Formaldehyde (UF) Grade or Commercial Grade is a benchmark product. With avant-garde inputs, this plywood is synonymous with unmatched strength and challenges the limits of testing parameters and aesthetic quality. This plywood is hybrid in nature due to its unique composition and construction structure - Some secrets which are privy to our R & D!

Inputs

Poplar, Eucalyptus or Gurjan

Most asked

Thickness : 4mm, 6mm, 8/9mm, 12mm,
16mm, 18mm, 25mm

Sizes: 8x4, 7x4, 6x4, 8x3, 7x3, 6x3

Applications

Furniture, Cupboards, Almirahs, Cabinets, Wall Paneling,
Wooden Partitions, Ceiling, Interior Decoration, Prefabs,
Kiosks, Bus & Truck Bodies, Railway Coaches etc.

Hybrid Plywood

Boiling Water Resistant Grade

BWR Grade – IS: 303

Manufactured from special Phenol Formaldehyde Resin & hardwood veneer this category of plywood can take extreme changes in temperature, humidity and alternate wetting and drying and is hence very well suited for applications in moist conditions. Superior quality parameters make this plywood a choice for high quality projects.



Inputs

Poplar, Eucalyptus or Gurjan.

Most asked

Thickness : 4mm, 6mm, 9mm, 12mm,
16mm, 18mm, 25mm

Sizes: 8x4, 7x4, 6x4, 8x3, 7x3, 6x3

Applications

Furniture, Cupboards, Almirahs, Cabinets, Wall Paneling, Wooden Partitions, Ceiling, Interior Decoration, Prefabs, Kiosks, Fascia, Bus & Truck Bodies, Railway Coaches etc.

Marine Plywood

BWP Grade – IS: 710

Bonded with high quality Phenol Formaldehyde Resin, this high quality ply can resist boiling water, cold water, climate variations and of course- powder and termite attacks. Manufacturing process also involves high-pressure impregnation technology which provides the stamina to withstand ultimate testing conditions. InterWood Plus Marine Plywood decisively surpasses BIS standards for Boiling Water Time test, Termite test & Bending Strength test. It is therefore ideal for use in hot, humid and moist conditions.

Inputs

Poplar, Eucalyptus or Gurjan.

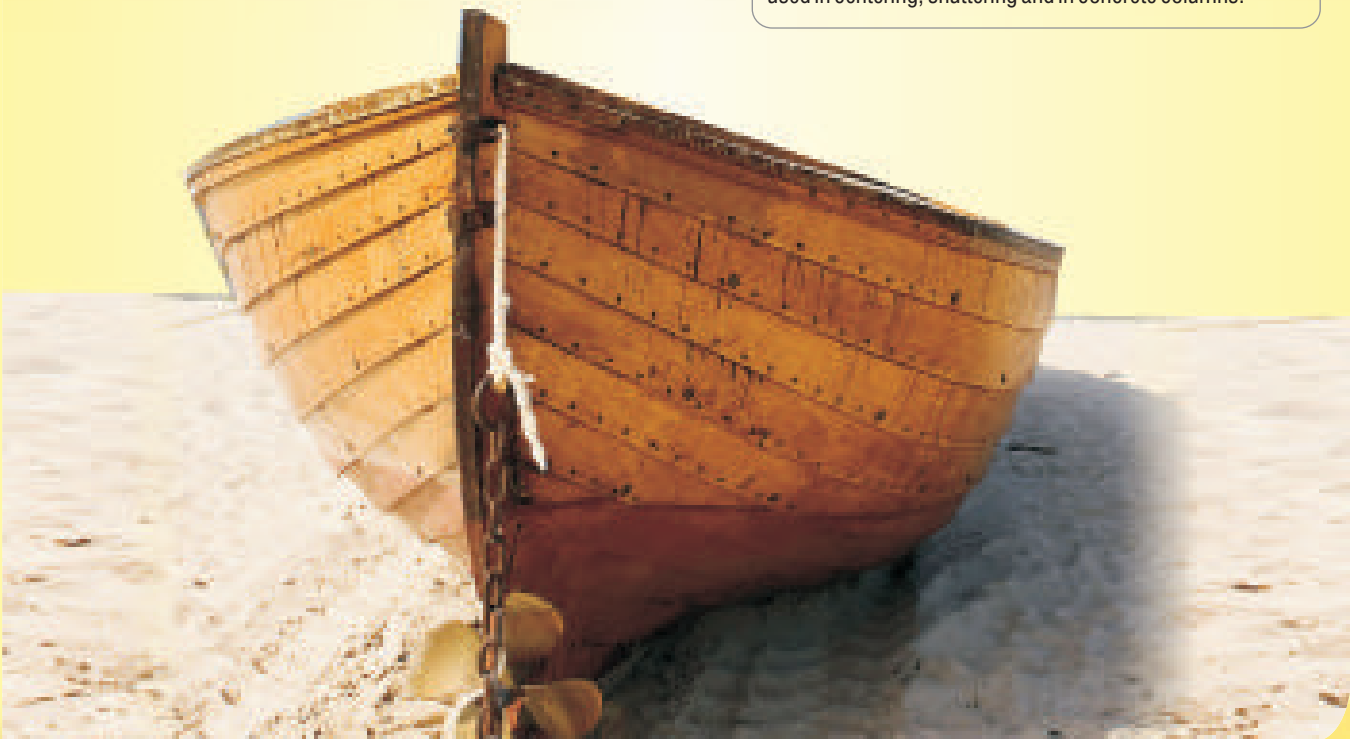
Most asked

Thickness : 4mm, 6mm, 9mm, 12mm,
16mm, 18mm, 25mm

Sizes: 8x4, 7x4, 6x4, 8x3, 7x3, 6x3

Applications

Construction & maintenance of marine, river crafts, pontoons, dinghies, fishing & sail boats, etc. Additionally, it can be used in heat exchangers, public hoardings, sign boards, tea weathering troughs, cooling towers & jetties. It can also be extensively used in tanks carrying liquid chemicals, portable cabins, shelters exposed to severe conditions as well as structural applications. Also can be used in centering, shuttering and in concrete columns.



Hybrid Plywood Fire Retardant Grade

A specialised product to retard fire hazard, this category of Plywood is best suited for use / installation in sensitive locations such as kitchens, hotels rooms and even more sensitive industrial applications. The combination of chemicals (sourced from globally trusted chemical manufacturers) and specialised manufacturing process along with Vacuum treatment provides superior fire retardant properties and indeed complete peace of mind.



Inputs

Poplar, Eucalyptus or Gurjan.

Most asked

Thickness : 4mm, 6mm, 9mm, 12mm, 16mm, 18mm, 25mm

Sizes: 8x4, 7x4, 6x4, 8x3, 7x3, 6x3

Applications

Any fire-sensitive interiors, Furniture, Cupboards, Almirahs, Cabinets, Wall Paneling, Wooden Partitions, Ceiling, Interior Decoration, Prefabs, Kiosks, Fascia, Bus & Truck Bodies, Railway Coaches etc.

Inter flexo

FLEXIBLE PLYWOOD

A revolutionary product that the carpenter can mould to suit the shape of your furniture. This is the product which can give the architect an open playground for creativity. Paneling round surfaces has no constraints now and is limited to your imagination. It can be stained, painted, plastered, veneered or can be given any other finish.

Inputs

Poplar, Eucalyptus or Gurjan.

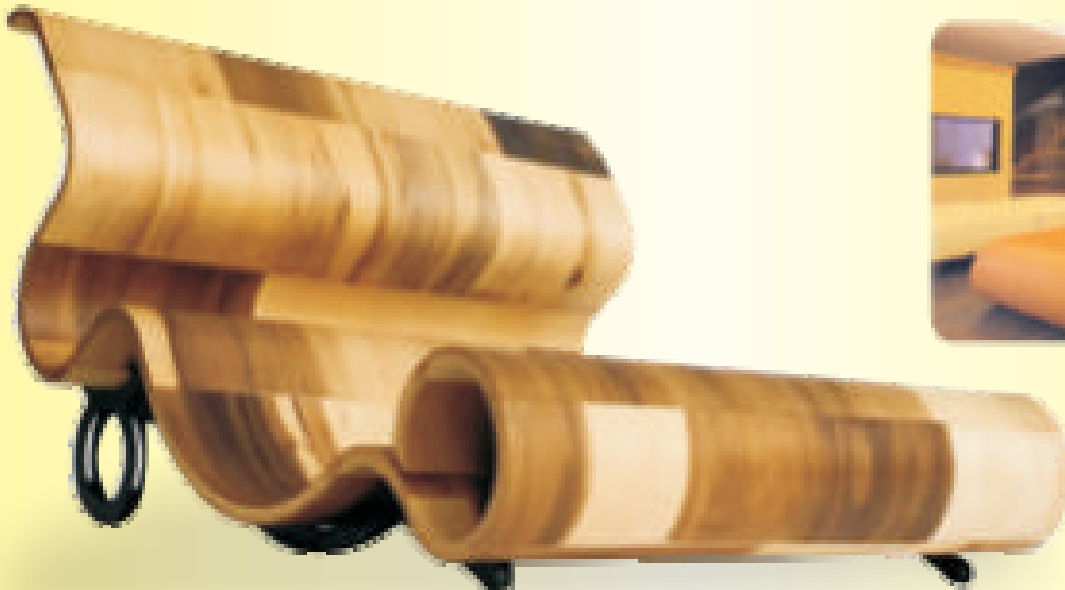
Most asked

Thickness : 4mm, 6mm, 9mm

Sizes: 8x4, 7x4, 6x4

Applications

All types of plywood moldings for furniture, wooden interior designs etc.



InterShutter

High Performance Shuttering Plywood

BWP- IS: 4990

InterShutter is the benchmark product for concrete shuttering requirements. Special chemicals sourced from international suppliers give superior attributes to this product. InterShutter provides superior finish to your concrete and yet withstands all attacks from the harshest of the construction environment.

Inputs

Poplar, Eucalyptus or Gurjan

Most asked

Available Thickness: 12mm, 16mm, 18mm

Size: 8x4

Special Sizes: Customizable for bulk requirements.



Applications

Construction of Commercial Buildings, Houses, Shopping Complexes, Malls, Bridges, Beams, Flyovers, Vehicle Bodies, Roofings, Barracks and any construction related work.

Inter Door

DESIGNER DOORS

BWP Grade – IS: 2202

InterDoor is the highest quality flush door product. The superior inputs that go into making InterDoor provide the best alternative to Carpenter / Handmade doors, and are also suited for time critical applications, since they add to the speed of completion of projects.

Hybrid Decorative Doors

The company is the pioneer, to bring the concept of factory fabricated designer Veneered Door options. Doors that are modern, contemporary as well as evergreen. Available in variety of choices for retail requirements, they can also be customized as per the needs of a particular project when provided with project quantities.



Inputs

Poplar and Hardwood

Most asked

Thickness: 30mm, 32mm, 35mm

Sizes: Customized

Applications

Flush Doors are used both for commercial as well as domestic purposes to give all new aristocratic look. Usage of flush doors may be in Commercial Complexes, Educational Institutes, Office Interiors, Retail Facilities, Multiplexes etc. Flush doors add to the speed of completion of your projects.







InterDeco DECORATIVE VENEERS

We recognize the bountiful gift of nature and are committed to preserve its exquisite beauty and elegance. InterDeco veneers are prepared from a tasteful selection of the finest breeds of wood, each discerningly handpicked and intricately refined to articulate the true essence and splendor of nature. Enjoy an exquisite collection of exotic species and countless composite veneers. Our superb range of veneers is defect-free, versatile and unparalleled in consistency of grain, colour and of course beauty.

Along with superior aesthetics, InterDeco veneers also come with the triple power advantage of InterWood Plus plywood, to which they are pre-stuck on. The 4 mm plywood that are embraced by InterDeco veneers have the triple power of Dual Temperature Pressing, ECS technology & Surface Leveling Cipher.

With this impeccable combination of the finest veneers and the strongest plywood, it's obvious to have a beautiful affair with your interiors.

Please ask for a separate brochure and explore the InterDeco's exotic range.

*Have a
Beautiful Affair!*

How to judge the perfect plywood?

Before buying plywood, following things should be kept in mind:

Quality

Quality should be of prime importance while buying plywood. The Quality Assurance Certifications and ISI markings that come with InterWood Plus plywood testify the superior quality of the plywood.

Surface

It should be perfectly even and finished well which determines its further glue-ability and paint-ability properties. Surface of InterWood Plus plywood is very clean and devoid from bumps, cups and any other deviation from normal flatness.

Uniformity

Thickness of the plywood should be uniform throughout the plywood. With the method of Surface Leveling Cipher, uniformity of the InterWood Plus plywood is ensured.

Bonding Strength

Glue plays a very important role in determining the bonding strength of plywood. InterWood Plus has an in-house glue manufacturing unit to produce best quality glue, eliminating the chances of sub-standard bonding.

Borer Proof and Termite Resistance

Superior quality glue and chemicals ensure borer proofing and termite resistance in plywood. InterWood Plus plywood comes with a quality assurance certificate which guarantees 100% borer proofing and termite resistance.

Water-Resistant Grade VS Commercial Grade Plywood

Both grades of plywood have their own applications and benefits based on their traits. Water-Resistant grade plywood, which is chemically treated to withstand conditions as harsh as 108 hours in boiling water, is best for areas with higher moisture content and in products susceptible to exposure to water/ liquid substances. On the other hand, Commercial Grade plywood is suitable for almost all other applications and is significantly cheaper. However, it may be noted that the word "Commercial" in reference to plywood doesn't imply Second grade or B grade quality.

InterDoor Flush Doors VS Conventional Doors

InterDoor Readymade Flush Doors is an extremely economical, viable and better alternative to conventional doors. While making a conventional door is a tedious process involving first buying wood for the frame, getting plywood for the middle-section of the door and then the application of teak or matching veneers, often resulting in an unsatisfying outcome. InterDoor Doors are readymade and are also available in Decorative Veneered finishes. InterDoor Doors are also much lighter yet far stronger & more durable than conventional doors.



Dealer's Stamp



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 Hubli Indore Jalandhar Mysore Nasik Patiala Pune Solapur

Although every effort has been made to ensure accuracy in the compilation of the technical details within this publication, specifications & performance data are subject to change. Current details should therefore be checked with us.