



First Indian Brand To Offer
ONLY CALIBRATED PLY



Savitri Woods India Pvt. Ltd.

Developing wood to the next level

An ISO 9001,14001 & OHSAS 18001 Certified Company

MAKING PREMIUM GRADE PLYWOOD as it should be

Savitriwoods is one of India's leading manufacturer of premium grade plywood. Based in Hoshiarpur, Punjab, and operating since 2003, we have earned a reputation for high quality products and excellent customer service. We have three manufacturing units which are currently operational in India. We have complete vertical integration with procurement and development of raw materials and manufacturing the final product. We are the pioneers in launching and popularising the engineered face veneer in India.

Accredited with certifications like ISI, ISO, OHSAS, CE, IGBC, FSC & with technical support from IPIRTI (Indian Plywood Industries Research and Training Institute), Savitri Woods acquires its logs from the sustainably managed plantation and forests to reciprocate its ecological responsibility, legal accountability and adherence to global benchmarks. All our products conforms to E1 formaldehyde emission class making them safe for interior/exterior use.

HISTORY

Foundation of Savitriwoods with Setup of Peeling / Saw Mill in Hoshiarpur

2003

Became the largest supplier of Raw materials in North India

2008

Setup of Plywood Manufacturing Unit in Hoshiarpur

2012

Setup of An Engineered Face Veneer manufacturing unit in Hoshiarpur

2016

Setup of North India's largest Plywood manufacturing unit and launch of Wigwam Product range.

2018

Became India's emerging plywood brand with presence in 22 states.

2019

Presence reached to 25 states with more than 100 sales members across the country.

2021

A SUSTAINABLE DEVELOPMENT

Plantation Grown Timber

Committed to sustainable forest management, Savitri Woods utilises Eucalyptus and Poplar, a sustainable resource that is 100% plantation grown. Savitri Woods also procure tropical hardwood and other hardwood timber species for structural and decorative plywood needs from certified sources from countries abroad.

E0 Emission Rating

Our products (FR, Structural) are certified to E0 emission class, the lowest emission rating obtainable in India. With low VOC and formaldehyde emission, our products are safe for Interior use.

Indigenous Product Range

SavitriWoods is one of the pioneers to introduce White Recon (Engineered Face Veneer)- a sustainable substitute(made from native plantation timber) for tropical forest timber.

OUR INITIATIVES

Respecting Our Resource

We have long recognised the value of our resource and have therefore worked towards utilising the veneer to its fullest potential. For instance, every log is peeled in a two stage process, thus maximising the recovery of high grade veneer. Once peeled, the veneer is carefully graded (and sometimes re-graded) so that it can be used in the highest application possible.

Utilization of Wood Waste

Inevitably, wood waste is generated in the plywood production process. To counter this issue we have installed a heat energy plant, allowing us to convert our wood waste into energy. The heat energy plant is a clean and efficient method of virtually eliminating wood waste whilst at the same time providing energy for other parts of the production process.

Solar Energy

Recent advances in solar energy technology together with pressures in energy costs and availability, led Savitriwoods to implement a solar energy system. The advantage of having significant roof space allowed us to install 360 solar panels, with room to expand the system in the future.

Environmental Licences

Savitri woods adheres to an environmental licence issued by the Govt of India. This, together with our Integrated Environmental Management System (IEMS), ensures that activities conducted onsite are managed in an environmentally conscious manner.

Future Improvements

Minimising our environmental impact is a continual work in progress. We are frequently investigating and evaluating methods of improving our environmental performance.

OUR PRESENCE



- » Chandigarh
- » Punjab
- » Himachal Pradesh
- » Uttar Pradesh
- » Delhi NCR
- » Haryana
- » Ladakh
- » Andhra Pradesh
- » Gujrat
- » Chhattisgarh
- » Odisha
- » Daman and Diu
- » Maharashtra
- » Telangana
- » Goa
- » Uttarakhand
- » Rajasthan
- » Bihar
- » Madhya Pradesh
- » West Bengal
- » Karnataka
- » Tamil Nadu
- » Kerala

FROM THE DIRECTOR'S DESK



“ QUALITY AND PRODUCT DEVELOPMENT IS A COLLABORATIVE EFFORT OF SAVITRI WOODS TEAM. THEY ARE MANUFACTURED WITH AN INTENT TO EXTEND THE DURABILITY ACROSS GENERATIONS

What if, your plywood could live as long as its specified life?

What if, any plywood manufacturer could always produce 100% faultless ply?

What if, your plywood would never reflect any wearing off symptoms?

Well, the WIGWAM Ply promises does all of that and much more.

In a market, which is flooded with varied and lucrative warranty options, WIGWAM, the new genre plywood and veneer offers authenticity in its approach and product quality. WIGWAM is a new generation, top-of-the-line, do-it-right-first-time and every-time plywood brand, which believes in serving its consumers with a quality, which does not need any first aid ever – yes, it is possible with the international assembly line.

We have significantly invested in our infrastructure, hired the best of the technicians and wood engineers, who work on an automated global assembly line with ultra-modern technology in managing logs, peeling, veneer management, drying, plywood lay-up and pressing and panel management.

Consumer priority is foremost with WIGWAM's genuinely crafted products which promises long-life loyalty in range, durability, sustainability and service.

Do it right first time is the philosophy which runs in the DNA of WIGWAM products.

We sincerely believe that offering excellence in the first place is the best business plan.

VISION

TO SERVE ETHICAL, ECOLOGICAL, EFFICIENT AND ECONOMICAL PLYWOOD / WOOD PANEL SOLUTIONS & TO BECOME THE PREMIUM PARTNER OF CHOICE IN THE COMMUNITIES WE OPERATE AND SERVE.

WHY WIGWAM

WIGWAM, the new generation plywood aims to eradicate the disparity and exploitation in product – price metrics in plywood industry through its blend of global quality at local pricing. Stimulated by the Japanese technology, WIGWAM offers the unique Tetra cycle Advantage and Hexaforce power, which gives it sizzling strength, legitimate longevity, and high durability making it one of a kind in the Indian plywood industry. Made purely with Matply, WIGWAM panels are 180° flat, duly calibrated from both sides with all layers significantly tenderised.

MAKING PROCESS

Core Veneer Selection, Tenderization

The veneer grade used in plywood affect its structural performance. Wigwam plywood is made from A or B grade veneers which increases its engineering properties by one stress grade. Each core veneer then tenderized to achieve 180 degree flat, bowing free panel.

Made with Matply : Core Composing & Arrangement

Wigwam plywood is made with Matply process where all layers are joined by the core composer which minimize the core joints and gaps in the plywood. The veneer arrangement and thickness of individual veneers within plywood is critical in determining dimensional stability and the structural performance characteristics of strength and stiffness. Cross lamination of veneer layers restricts the veneer movement across the grain due to moisture and temperature changes. Thus providing Wigwam plywood dimensional stability under moisture content and temperature changes.

Tetracycle Advantage: Once the composition is ready then it passes through Tetracycle process which is basically four time pressing of the composition at various stage. Every composed bundle of core veneers passes through 4 times pressing during various stages of manufacturing. Tetra cycle advantage offer 'Absolute Bonding, Flatness and dimensional stability to the panel.



Both Side Calibration

Generally in plywood panels, the outer most veneers have the greatest influence on strength and stiffness. Increasing the thickness of the face veneers will increase the strength and stiffness characteristics in the face grain direction. Thin face veneers with thicker underlying cross band veneers will tend to give the plywood more equal strength and stiffness characteristics in both directions.

CERTIFICATIONS AND **ACCREDITATIONS**

WIGWAM is enabled with all the required, relevant, and latest certifications which support it to operate, thrive and remain strong in the plywood solutions industry.



IS 303 : BIS Specification for Moisture Resistant Plywood and Boiling Water Resistant Plywood.

IS 710 : BIS Specification for Boiling Water Proof Marine Grade Plywood.

IS1659 : BIS Specification for Block Boards.

IS 2202 (Part-1) : BIS Specification for Water Proof Flush Doors.

IS 1328 : BIS Specification for Veneered Decorative Plywood.

IS 5509 : BIS Specification for Fire Retardant Plywood.

IS10701 : BIS Specification for BWP Structural Grade Plywood.



Conforms to E0 Formaldehyde Emission Class lowest formaldehyde emission obtainable in India.



ISO 9001:2015 : Quality Management System for meeting customer expectations and delivering consumer satisfaction.

ISO 14001:2015 : Environmental Management System.



OHSAS 18001:2007 : Occupational Health and Safety Management System.



European Conformity [CE] Certified.



Certified by Forest Stewardship Council [FSC], an international non-profit multi-stakeholder body which promotes responsible management of the world's forests.



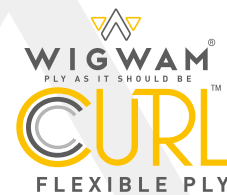
Accredited by Indian Green Building Council [IGBC], a non-profit, CII body which promotes, rates and certifies organisations for their green processes and endeavours.



In Technical Support From: **INDIAN PLYWOOD INDUSTRIES RESEARCH & TRAINING INSTITUE.**

PRODUCTS

WIGWAM primarily uses the highest quality of Poplar, Pine, Eucalyptus and selected species of imported hardwoods. Eucalyptus is the only known natural anti-termite wood that is why eucalyptus timber is chosen as the core raw material for all WIGWAM product range. Any other wood when superficially treated with Termiticides cannot withstand termite, the way eucalyptus does.



Eucalyptus is a kind of hardwood that is best suited as a core veneer for hardwood plywood that is the key raw material to produce the sturdiest and durable 'WIGWAM plywood'. Eucalyptus yields the best core veneer for commercial and film-faced plywood in India in present times.

Apart from these wood blocks, the other ingredients used at Savitri Woods are Formaldehyde, Phenol, tropical hardwood, imported hardwood veneers, exotic veneers and other environment friendly face veneers etc.

WIGWAM is manufactured responsibly to extend a genuine plywood range for the masses at affordable prices with ecological concern.



VISOR

SUPER PREMIUM GRADE

BWP STRUCTURAL GRADE PLYWOOD

WIGWAM VISOR BWP STRUCTURAL PLYWOOD is a life time warranted product of super premium quality from Savitri Woods. This premium product of WIGWAM uses selected imported wood species to get the full length 8x4 core veneer. The all composed, thoroughly tenderised and 180° flat hardwood veneers are the basic raw material for WIGWAM VISOR STRUCTURAL ply range.

It is ascertained that WIGWAM VISOR STRUCTURAL PLYWOOD of BWP grade is made of 100 % hard wood core of density 750 - 850kg/cbm. The VISOR range uses only those hard wood timber species that are obtained from legal sourcing or of sustainable plantation origin. The Wigwam Visor plywood is environment friendly as it is renewable and recyclable. The sustainable and most durable WIGWAM product is best for permanent, strong, structural purposes and engineered application.

It is dimensionally stable and manufactured to a strict specification with calibrated and uniform thickness tolerance of +/- 0.15 mm. It has double Gurjan face veneers of 0.4 mm thickness that ensures a split free and flaw less top Surface finish. It comes with prepressed and all layers poisoning process with life time serviceability.





with 700% Cash Back

The WIGWAM VISOR range confirms online factory verification and monitoring for stiffness and strength of plywood. The WIGWAM VISOR BWP STRUCTURAL GRADE plywood has a density of 750-850 kg/cbm with bending strength of 6000 N/square mm.

Prepared with 62% solid content PF resin, the composed veneer-face pre pressed panel is double hot pressed at 165°C heat and at 20 kg/sq cm specific pressure. WIGWAM VISOR BWP STRUCTURAL 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.

WIGWAM VISOR is a SUPER PREMIUM GRADE product that conforms to IS 710 (marine grade), IS 5509 (fire retardant grade) and IS 10701 (structural grade) all together. It uniquely offers 'Low formaldehyde emission levels for healthy living conforming to E0 standards of European union.

HIGHLIGHTS:

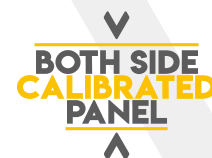
- Only ply that confirms to standards – IS 10701, IS 5509, IS 710
- Fire Resistance of 60 min
- Life Time Guarantee
- 700% Cash Back
- Immune to Microbes
- Borer & Termite Proof
- Specially formulated fireproofing chemicals infusions
- Super Premium Grade Product
- Both side calibrated & double surface sanding for superior surface finish
- Pre composed core and panels to reduce gaps
- Higher flame penetration time
- High Density of 850 kg/m³
- Lesser tendency of spark and ignite
- Slow burning
- Decreased chances of fire to spread over the surface of plywood
- Low flammability and lesser smoke generation

APPLICATIONS:

All exterior and interior wood work, any type of furniture, can be compared like a solid plank with no weather driven bending tendency, It can be used in Silos, Sheathing, Rail and Ship Containers, Plywood web beams, Stress skin panels, Ships, Bus coaches, Cinema Halls, High rise buildings, Restaurants, Railway Coaches, Vehicle Bodies in Boiler House, Kitchen, Inner Roof Wall Linings, Exhibition Stalls, Public places, Offices, Homes etc.

SIZES : 8x4, 7x4

THICKNESS : 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 25 mm





WIGWAM
PLY AS IT SHOULD BE

Contender™

FIRE RETARDANT PLYWOOD

FIRE RETARDANT PLYWOOD

*Boiling Water Proof,
High Density Marine Grade, Super Fire Retardant, IS 5509*

WIGWAM CONTENDER is a super fire-retardant plywood with extremely good resistance capacity from fire. This special grade is treated with proven fire-retardant chemicals at the time of manufacture and completely composed with high density hard wood veneers. With boiling water proof marine grade quality standards, WIGWAM CONTENDER is uniquely processed for creating a super resistance from fire.

WIGWAM CONTENDER FIRE RETARDANT PLYWOOD is manufactured as per IS:5509 specifications that ensures the rate of burning of the plywood extended beyond 30 minutes. The time taken for flames to penetrate in WIGWAM CONTENDER plywood is beyond BIS standards.

WIGWAM CONTENDER Plywood is advisable to be used in public places, where the risk of fire has to be reduced. The areas such as in kitchen woodwork of large restaurants, interior woodwork public auditoriums, theatres and banquet halls. WIGWAM CONTENDER FR Plywood is very suitable for every application in premium homes and villas as it confirms to all requisites of IS 710 and IS 5509. It can be used in railway compartments of railway trains or other public transport or station facilities. WIGWAM CONTENDER FR Plywood is the most suitable plywood panel for high rise commercial buildings as this will prevent the occupants from fire and fumes for an extended period of time to provide enough escape time.



WIGWAM[®]
PLY AS IT SHOULD BE

Contender

FIRE RETARDANT PLYWOOD



with 500% Cash Back

WIGWAM CONTENDER FIRE RETARDANT PLYWOOD is the best product for any interior wood working, specially at such places where the risk and spread of fire has to be reduced.

RESISTANCE: WIGWAM CONTENDER FR Ply resists spark and ignite without any penetration. It offers 30% lesser smoke generation with extended flame penetration time. It offers very slow burning, having a decreased tendency of the fire to spread over the surface of the plywood.

SIZES : 8x4, 7x4

THICKNESS : 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 25 mm

HIGHLIGHTS:

- Confirms to standards of - IS 5509, IS 710
- Borer & Termite Proof
- Fire resistance of 45 min
- Life Time Guarantee
- 500% Cash Back
- Immune to Microbes
- Specially formulated fireproofing chemicals infusion
- Fire Retardant Grade product
- Both side calibrated & double surface sanding for superior surface finish
- Pre composed core and panels to reduce gaps
- Lesser tendency of spark and ignite
- High Density of 800 kg/m³
- Decreased chances of fire to spread over the surface of the plywood
- Slow burning
- Low flammability and lesser smoke generation
- Higher flame penetration time

APPLICATIONS: Ships, Bus coaches, Cinema Halls, Highrise buildings, Restaurants, Railway Coaches, Vehicle Bodies in Boiler House, Kitchen, Inner Roof Wall Linings, Exhibition Stalls, Public places, Offices, Homes etc

MADE WITH
MAT PLY

ALL LAYERS
TENDERIZED

180°
FLAT

**BOTH SIDE
CALIBRATED
PANEL**

tetraCYCLE[®]
ADVANTAGE

IMMUNE TO
TERMITES

IMMUNE TO
MICROBES





with 500% Cash Back

WIGWAM CLUB PLUS FIRE RETARDANT PLYWOOD is the best product for any interior wood working, specially at such places where the risk and spread of fire has to be reduced.

RESISTANCE: WIGWAM CLUB PLUS FR Ply resists spark and ignite without any penetration. It offers 30% lesser smoke generation with extended flame penetration time. It offers very slow burning, having a decreased tendency of the fire to spread over the surface of the plywood.

SIZES : 8x4, 7x4

THICKNESS : 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 25 mm

HIGHLIGHTS:

- Fire Retardant Grade product
- Confirms to standards of - IS 5509, IS 710
- Borer & Termite Proof
- Fire resistance of 45 min
- Life Time Guarantee
- 500% Cash Back
- Immune to Microbes
- Specially formulated fireproofing chemicals infusion
- Both side calibrated & double surface sanding for superior surface finish
- Pre composed core and panels to reduce gaps
- Lesser tendency of spark and ignite
- High Density of 800 kg/m³
- Decreased chances of fire to spread over the surface of the plywood
- Slow burning
- Low flammability and lesser smoke generation
- Higher flame penetration time

APPLICATIONS: Ships, Bus coaches, Cinema Halls, Highrise buildings, Restaurants, Railway Coaches, Vehicle Bodies in Boiler House, Kitchen, Inner Roof Wall Linings, Exhibition Stalls, Public places, Offices, Homes etc





BWP DOORS

ZERO GAP COMPOSING, Australian Pine wood, 100% Boiling Water Proof, IS: 2202 (part-1)

WIGWAM CLUB PLUS BWP DOORS are guaranteed product from WIGWAM. Every WIGWAM CLUB PLUS BWP door is made of selected manufactured hardwood frames processed in latest Gang saw machines and precisely sawn battens in CNC controlled automatic Rippers.

WIGWAM CLUB PLUS BWP DOORS are constructed with Single Special Batten Mat that is prepared with unique composing process. The strict norms of using same species of timber in each Door ensures dimensional accuracy, no weather effect and 100 percent flatness with long life.

WIGWAM FLUSH DOOR SIZES :

84*30	87*30	90*30	93*30	96*30
84*33	87*33	90*33	93*33	96*33
84*36	87*36	90*36	93*36	96*36
84*39	87*39	90*39	93*39	96*39
84*42	87*42	90*42	93*42	96*42
84*45	87*45	90*45	93*45	96*45
84*48	87*48	90*48	93*48	96*48

THICKNESS: 32 mm, 35 mm, 38 mm



IMMUNE TO
MICROBES

HIGHLIGHTS:

- Boiling Water proof grade
- Life Time Guarantee
- Immune to Microbes
- Undulation Free
- Super smooth surface for lamination
- Superior dimensional stability under varying humidity and high screw holding capacity
- High resistance to shock and buckling
- Special provision for locks and latches is provided on both sides
- Ply construction with cross core and face on both sides as per IS-2202 (Part-1)

APPLICATIONS: Indoor Panels & Shutters, Single Doors, Double Leaf Doors and Bathroom Doors etc.



BWP PLYWOOD

Medium Density, BWP Marine Plywood,
Made from Phenol Formaldehyde Resin, IS 710



WIGWAM BWP 710 Plywood is a high-performance product, manufactured in India's most advanced factory equipped with ultra modern machines from Europe and Taiwan.

Every piece of WIGWAM BWP 710 Plywood is made with high grade 'Treated and Tenderised' wood veneers from matured plantation timbers of High Density and Medium Density infused with new 'Tetra Cycle advantage' formula.

The completely Calibrated WIGWAM plywood, It is India's most dimensionally stable and amazingly durable plywood, which ensures satisfaction for entire woodworking needs for a designer and the house owner.

WIGWAM BWP 710 Plywood is available in BWP grade, medium density, conforming to IS 710 for exterior working needs.

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

THICKNESS: 4 mm, 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 25 mm

HIGHLIGHTS:

- Boiling water proof grade
- 25 Years Guarantee With 200% Cash Back
- Immune to Microbes
- Double surface sanding for superior surface finish
- Pre composed core and panels to reduce gaps
- Borer & Termite Proof
- High resistance to all climatic conditions
- Glue line protection and other preservative treatment
- Manufactured using selected timber of two different densities

APPLICATIONS: Kitchen, Wardrobes, Tables, Partitions, Panelling, Structural Home Building, Subfloors, Shipping Crates, Wall Bracing, Roof Bracing Walls, Outdoor Floorings, Roof Linings and Stables, Garden furniture, Tables, Chairs, Benches, Decking, Porches, Arbours Pergolas, Planters, etc.



BWP BLOCKBOARD

Boiling Water Proof, IS: 1659, Minimum Gap Blockboard, Powered By Hexaforce

POWERED BY
HEXA FORCE

WIGWAM BWP BLOCK BOARD is made with selected timber. The inside block core is prepared with seasoned wood battens, bonded with BWP grade (Boiling Water Proof) resin that can endure extreme weather conditions and withstand alternate drying and wetting.

WIGWAM BWP minimum gap blockboard is powered by Hexaforce and confirms to all parameters of IS;1659. The unique 'Hexaforce' process attribute a super composed compactness and solidity that is not matched by other brands in this category. It can withstand any weather effect, temperature rise, humidity fluctuation and alternate wetting and drying, which are the prerequisites for blockboards used in moisture exposed applications or furniture and woodworking needs around coastal belts.

SIZES: 8x4,

THICKNESS: 19 mm, 21 mm, 25 mm

HIGHLIGHTS:

- Boiling Water proof grade
- 25 Years Guarantee
- Immune to Microbes
- Microbiological Decay Resistant
- Withstands alternate wetting and drying
- Made with Matply
- Both side calibrated
- Super Smooth even surface

APPLICATIONS: Wardrobe Shutters, Kitchens Shutters, Bathroom cabinetries, Book Shelves, Boxes, Table tops, Key board trays, Almirahs, Racks, Vertical Load bearing needs in a furniture, Back support for creative structural work that need wide arch angles and curves etc



BWP DOORS

WIGWAM BWP DOORS are guaranteed product from WIGWAM. Every WIGWAM door is made of selected manufactured hardwood frames processed in latest GANG saw machines and precisely swn battens in CNC controlled automatic Rippers.

WIGWAM DOORS are constructed with single special Batten Mat that is prepared with unique composing process. The strict norms of using same species of timber in each Door ensures dimensional accuracy ,no weather effect and 100 percent flatness with long life.

WIGWAM FLUSH DOOR SIZES :

84*30	87*30	90*30	93*30	96*30
84*33	87*33	90*33	93*33	96*33
84*36	87*36	90*36	93*36	96*36
84*39	87*39	90*39	93*39	96*39
84*42	87*42	90*42	93*42	96*42
84*45	87*45	90*45	93*45	96*45
84*48	87*48	90*48	93*48	96*48

THICKNESS: 30 MM, 32 MM, 35 MM, 38 MM



IMMUNE TO MICROBES

HIGHLIGHTS:

- Boiling Water proof grade
- 25 Years Gurantee
- Immune to Microbes
- Undulation Free
- Super smooth surface for lamination
- Superior dimensional stability under varying humidity and high screw holding capacity
- High resistance to shock and buckling
- Special provision for locks and latches is provided on both sides
- Ply construction with cross core and face on both sides as per IS-2202 (Part-1)

APPLICATIONS: Indoor Panels & Shutters, Single Doors, Double Leaf Doors and Bathroom Doors etc.



MR PLYWOOD

Medium Density, Moisture Resistant, IS 303

WIGWAM MR Plywood is a high-performance product, manufactured in India's one of the most advanced facility equipped with ultra modern machines from Europe and Taiwan. Each panel of WIGWAM MR Plywood is made with Mat Based Process and infused with the revolutionary Tetra Cycle Advantage formula.

Made with high grade Treated and Tenderised wood veneers from matured plantation timber of High Density & Medium Density each panel is crafted with extreme precision care. The face veneer is derived from highly matured tropical hardwood species and with a uniform moisture content of 6%. WIGWAM MR Plywood is Tetra pressed at 130°C and extreme pressure to compress the veneer-resin pack to obtain superior quality plywood.

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

THICKNESS: 4 mm, 6 mm, 9 mm, 12 mm, 16 mm, 19 mm, 25 mm

HIGHLIGHTS:

- Moisture resistant grade
- **25 Years Guarantee With 200% Cash Back**
- Double surface sanding for superior surface finish
- Pre composed core and panels to reduce gaps
- Borer and Termite resistant
- High resistance to all climatic conditions
- Manufactured using selected hardwood of two different densities

APPLICATIONS: Kitchen, Wardrobes, Almirahs, Tables, Partitions, Cabinets, Panelling, Structural Home Building, Ceiling, Furniture, Cupboards, Staircases, Temples, Engineered Doors, Carved Surfaces, Handicrafts etc.



MR BLOCKBOARD

Moisture Resistant, IS 1659, Minimum Gap Blockboard, Powered By Hexaforce

POWERED BY
HEXA FORCE



WIGWAM MR Blockboard is manufactured from the combination of select seasoned, durable hard wood timber battens, veneers and adhesives. These are bonded with Melamine Urea Formaldehyde Resin under high pressure and temperature.

The uniqueness of WIGWAM MR Blockboard lies in its batten composing that are arranged and stacked automatically and pressed following Hexaforce that offers almost Zero gap and higher compactness in every inch of WIGWAM Blockboards. Every WIGWAM 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.

SIZES: 8x4

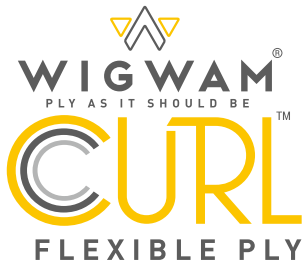
THICKNESS: 19 mm, 21 mm, 25 mm

HIGHLIGHTS:

- Moisture Resistant Grade
- 25 Years Guarantee
- Super even top surface
- Very durable and passes warm water test
- Made with Matply
- Both side calibrated

APPLICATIONS: All Furniture, Vertical load holding sides, kitchen shutters, Racks & Shelves, Table tops, Dressing tables, beds and Deewans, Book selves, Grocery store cabinets and shelves, Almirah supports etc.





FLEXIBLE PLYWOOD

High Density, All Hardwood, High-Quality Flexible Plywood, Water Resistant

WIGWAM CURL, the super flexible Plywood is made of matured hardwood veneer grown in tropical forest and in geographical areas of high altitude plantation-based forest. WIGWAM CURL is specifically developed for the applications where design is not limited to cuts and squares but are extended to variety of shapes including curves. The use of this product is primarily for the interior applications where the designer can make any visualisation and dream come in physical shape and alive.

Being processed with treated and dual pressed process, WIGWAM CURL guarantees high-quality surfaces, flatness, décor charm and protection against borers. WIGWAM CURL is advised for all round and curvy requirements like round tables, ceilings, decorative showcases, pillars and any shape driven projects.

SIZES: 8X4

THICKNESS: 4.6 mm, 7 mm, 9.6 mm

FEATURES

- Amazingly Flexible
- Created with highly durable tropical hardwoods
- All layers are pre-composed and tenderized
- Both side Calibrated
- 360° Bendable
- High density
- Waterproof Grade

APPLICATIONS: Useful for making curved shapes, creative needs of designers, intricate modelled furniture and for different Interior Decoration (e.g. for enclosing a Circular Building Column with plywood).



ATTRIBUTES

tetraCYCLE[™] ADVANTAGE

TETRA CYCLE ADVANTAGE

We have worked in close collaboration with the Japanese Plywood Industry and the Tetra cycle formula is inherited from them after stringent tests and quality checks for two years. The technology aptly addresses the Indian market requirements from plywood. Tetra Cycle Advantage is the latest in the plywood industry in India.

Tetra cycle process actually drives every composed bundle of wood veneers under 4 times pressing zone, that is very unique and first time in India. Tetra Cycle advantage offers 'Absolute bonding, Absolute flatness, Absolute dimensional stability and Absolute durability'.

IMMUNE TO **MICROBES**

IMMUNE TO MICROBES

The specially developed Microbicides impregnated into the surface of the plywood creates a long-lasting shield against harmful pathogens. The coated surfaces have shown 99.9% efficacy against Viruses, bacteria, fungi, and algae pathogens. It has been tested and certified under Antiviral Efficacy Test as per international standards (ISO 21702: 2019). by Biotech Testing Services, Mumbai

↓ **BOTH SIDE CALIBRATED PANEL** ↑

BOTH SIDE CALIBRATED PANEL

Every piece of panel manufactured at WIGWAM plant is made by Mat Ply Process. After 2nd stage pressing, the Mat Panel's thickness tolerance within each plywood sheet is brought down to 0.50 mm.

Afterwards, every WIGWAM plywood sheet is further Calibrated on both sides through automatic surface sanding machine from Taiwan, where thickness tolerance is reduced to +/- 0.15 mm within every panel, be it Plywood, Blockboards or Flush door.

IMMUNE TO **TERMITES**

IMMUNE TO TERMITES

WIGWAM products exhibit a high repulsive tendency towards termites for dual reasons, natural and synthetic. The nature driven reason is that WIGWAM prefers to use only heartwood or mature hardwood timber that has natural resistance to termites and borers. Usage of the heartwood [hardwood], which is the oldest and hardest central part of a tree is the naturally termite resistant part which WIGWAM uses.

The Synthetic reason infused to create immunity from termites is due to WIGWAM technology in manufacturing process where we evenly injects enough chemical to repel the termites. Additionally, layers of lamination also forms sturdy layers around it which is a barrier wall for termites.



MADE WITH MAT PLY PROCESS

WIGWAM panels have the Matply edge where all the layers are joined by core composer which inserts added strength and permanency to it.

The Matply power also adds convenience and customization. Just put your favourite top layer on it and the WIGWAM products are ready for your desired use. It is ideal for kitchen and furniture applications.



HEXAFORCE

WIGWAM product range of Block boards are powered by HEXAFORCE, where uniformly sized battens are automatically composed after being glued on all 6 surfaces.

The precisely arranged batten layer is further pressed along frames to form complete MAT Block board.

HEXAFORCE provide 'Minimum gap composing', 'High Compactness' and unmatched strength to WIGWAM block boards.



ALL LAYERS TENDRISED

The manufacturing process tenderizes all the layers of the core veneer to its peak, which keeps the WIGWAM plywood free from any weakening wrinkles, internal bubbles, warping up, de-lamination, curving and bending.



180° FLAT

The manufacturing processes and checks are designed in such a stringent way that the WIGWAM panels conceive and keep its 180° flatness always, even when faced with extreme conditions too.



E1 Certified

Formaldehyde is a gas that is used in the production of engineered wood panel manufacturing. It is therefore all around us in the indoor air. However, high concentrations of formaldehyde may irritate eyes, nose, throat or skin and trigger headaches. Therefore, We have adapted our manufacturing process to E1 Class of formaldehyde emission considering health safety of our consumers.



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Developing wood to the next level

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