

Sylvan⁺ply
break nahiin banta
PLYWOOD | BLOCKBOARD | FLUSH DOOR

OUR
PLYWOOD
VISION.
YOUR
VISION.
REDEFINE EXCELLENCE



The Sylvan Guarantee

Sylvan has its roots tracing back more than 70 years, since 1951. It is a name that inspires immense trust and is synonymous with perfection.

Sylvan is a member of the **Indian Green Building Council**. All Sylvan products are ISI certified with the respective relevant codes: **ISO 14001:2015**, **ISO 45001:2018** and **ISO 9001:2015**.

Spread over sprawling acres, the Sylvan factory invests in avant-garde technology and guarantees the usage of state-of-the-art machinery with a highly skilled workforce of 2500+ warriors, who craft our products with utmost sincerity while maintaining the best possible safety standards.

Sylvan procures raw materials from all across the globe, making sure that they are of the finest quality. Our imported high-density timber is ethically sourced from sustainable origins, ensuring that we stick to our ideology and provide only top-tier products to our customers.

We as a brand believe in sustainable initiatives and keep up with any opportunities of doing our bit for the environment. Our factory is equipped with Carbon filters and Effluent water treatment plant that helps nurture the cause in as many ways as possible. Our premium grade products meet the Emission Shield+ standards ensuring the lowest level of formaldehyde emissions in plywood, making your home toxin-free and safe.

Our exclusive **Fireguard Technology** is a fabulous and well-thought-out safety upgrade for your home. Sylvan's range of plywood is well-equipped with the **Anti-Termite and Borer Solution**, using our highly efficient vacuum impregnation plant and the backing of our in-house **Power Seal Adhesive** guaranteeing zero infestation of all things deadly.

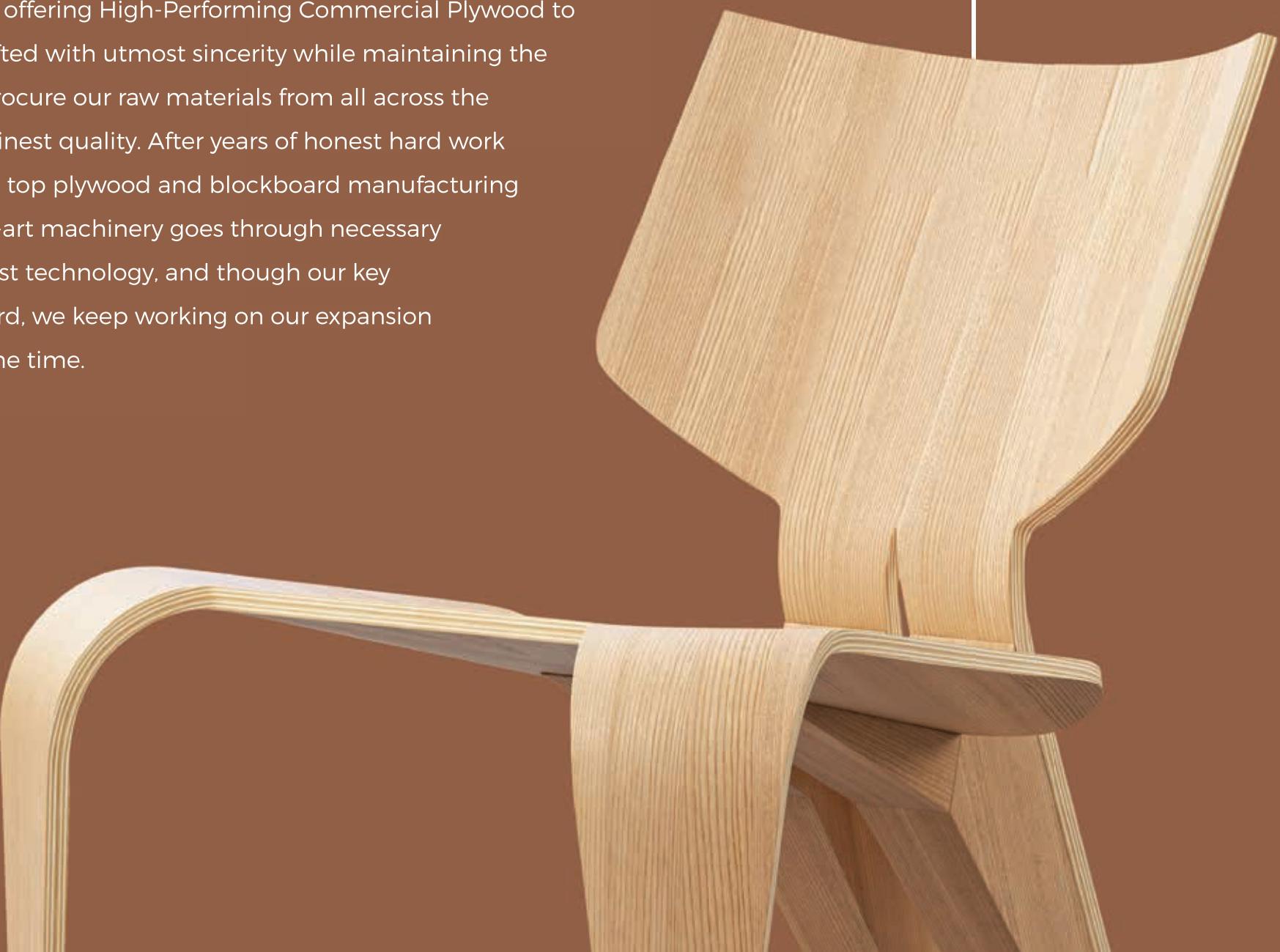
All the above together make our plywood the best in class, protective and highly durable, repelling anything unwanted away. Sylvan brings you the best of premium furnishings, and makes sure that

Humare Rishte Mein “Break Nahiin Banta!”



About

Sylvan is a name that inspires immense trust and reliability. With a history tracing back more than 70 years, we take pride in offering High-Performing Commercial Plywood to our customers. Our products are crafted with utmost sincerity while maintaining the best possible safety standards. We procure our raw materials from all across the globe, ensuring that they are of the finest quality. After years of honest hard work and consistency, we rank among the top plywood and blockboard manufacturing companies in India. Our state-of-the-art machinery goes through necessary upgrades with the advent of the latest technology, and though our key products are plywood and blockboard, we keep working on our expansion plans with other products at the same time.





FIRE GUARD TECHNOLOGY

Our Fireguard Technology is revolutionary and a masterpiece in the plywood industry. As the best solution in India's fire-retardant plywood range, our recently introduced Fireguard Technology ensures that customers receive top-of-the-line protection. Our fire-retardant plywood boasts a remarkable flame spread index of > 40, meaning it takes approximately more than 45 minutes for the plywood to burn and spread fire. This extraordinary feature grants it self-extinguishing properties, making it an exceptionally secure choice for homes.

Here's how:

- Layers of strong fire-retardant chemicals are applied under pressure to render the "Fireguard" property in our plywood
- These chemicals are applied as a surface coating during the dipping stages, as well guaranteeing optimal fire protection
- Our unique in-house resin composition reduces the emission of toxic gases, and slows down the pace and spread of fire, allowing for effective evacuation
- Notably, our plywood also exhibits outstanding waterproof and weather-resistant properties, all while retaining its natural texture, quality, and exquisite aesthetic



Advantages of Sylvan's fire-retardant plywood over ordinary ply:

- Reduces carbon monoxide exposure: Minimizes the release of harmful carbon monoxide during fire accidents, reducing lung damage and airway blockage
- Low smoke generation: Backed by a technology that does not emit toxic gases under heat exposure
- Minimized suffocation risk: Cuts down on smoke caused by fire, eliminating suffocation risk and excessive carbon emissions
- 360-degree safety principle: Committed to producing high-quality plywood products that prioritize customer safety



Sylvan's proprietary ATBS (Anti-Termite Borer Solution) is known for its durability and quality. Our plywood is chemically treated during the production process which helps repel termites and borer. The aim behind this is to keep your furniture and home protected from all kinds of disruptive elements.

Our Anti-Termite Borer Solution and How It Works:

Unprotected plywood or wooden structures are highly vulnerable to termite infestations. These pests can silently devour your interiors from the inside out. Hence, early detection is crucial, but prevention is even better. With our ATBS plywood, you can eliminate the risk completely. Our chemically treated plywood is designed to thwart termites and borers, preserving the longevity of your interiors. Here's how:

- Extracted timber is treated to create an eco-friendly compound that repels termites and borers
- The entire manufacturing process includes treating each sheet with our in-house Power Seal Adhesive, providing superior protection against termites and borers
- The compound mixed with the plywood acts as a shield against termite attacks
- Over time, the protective feature of ATBS technology leads to the death of termites

Did you know?

Termites are a threat to your furniture.

As rightly termed as "Silent Destroyers", termites are insects that have wreaked havoc in homes and spaces for time immemorial. While there are multiple types of termites, subterranean termites cause the most damage. They usually live on forage underneath structures, and while they crawl up, they end up infesting timber and plywood alike. Another reason why it is quite a task to keep termites and their growing numbers in check is because they reproduce quite faster in comparison to ants and other species like that. The cellulose in the wood is what termites target at large. Since termites have large colonies, there can be a whopping one million in each colony. Termites might not look like they can cause a lot of damage, but they infest a house entirely and may even make people incur losses higher than a house fire if the statistics are totaled. Keep an eye out for windows and door frames that feel swollen, and are becoming difficult to function. This might indicate that there is a termite infestation in your house.



Our vacuum pressure impregnation plant provides 360° treatment against borer and termite by penetrating chemicals deep into the core of plywood.



ATBS Plywood from Sylvan offers Inherent Advantages over Ordinary Ply:

- Provides immediate protection to any furniture from termites, rodents, and pests
- Lasts for several years, preserving the aesthetic appeal, quality, and reliability of your furniture
- Eliminates the problem of gaps forming in the protection barrier, preventing termites from entering the inner layers
- Saves you time and money by offering unmatched protection against these insects who can ruin heavy, expensive furniture & fittings without your knowledge

Accreditations



IS : 10701

BIS Specification
For BWP Structural
Grade Plywood



IS : 5509

BIS Specification For
Fire-retardant Plywood



IS : 710

BIS Specification
For Boiling Waterproof
Marine Grade Plywood



IS : 1659

BIS Specification
for Block Boards



IS : 303

BIS Specification For
Moisture Resistant Plywood
and Boiling Water Resistant
Plywood



9001:2015

Quality Management
System for marking up to
customer's standards



14001:2015

Environment
Management System



45001:2018

Occupational Health and
Safety Management System



Indian Green Building Council

Accredited by Indian Green
Building Council [IGBC], a
non-profit CII body that reviews
firms according to their green
and accepted energy procedures

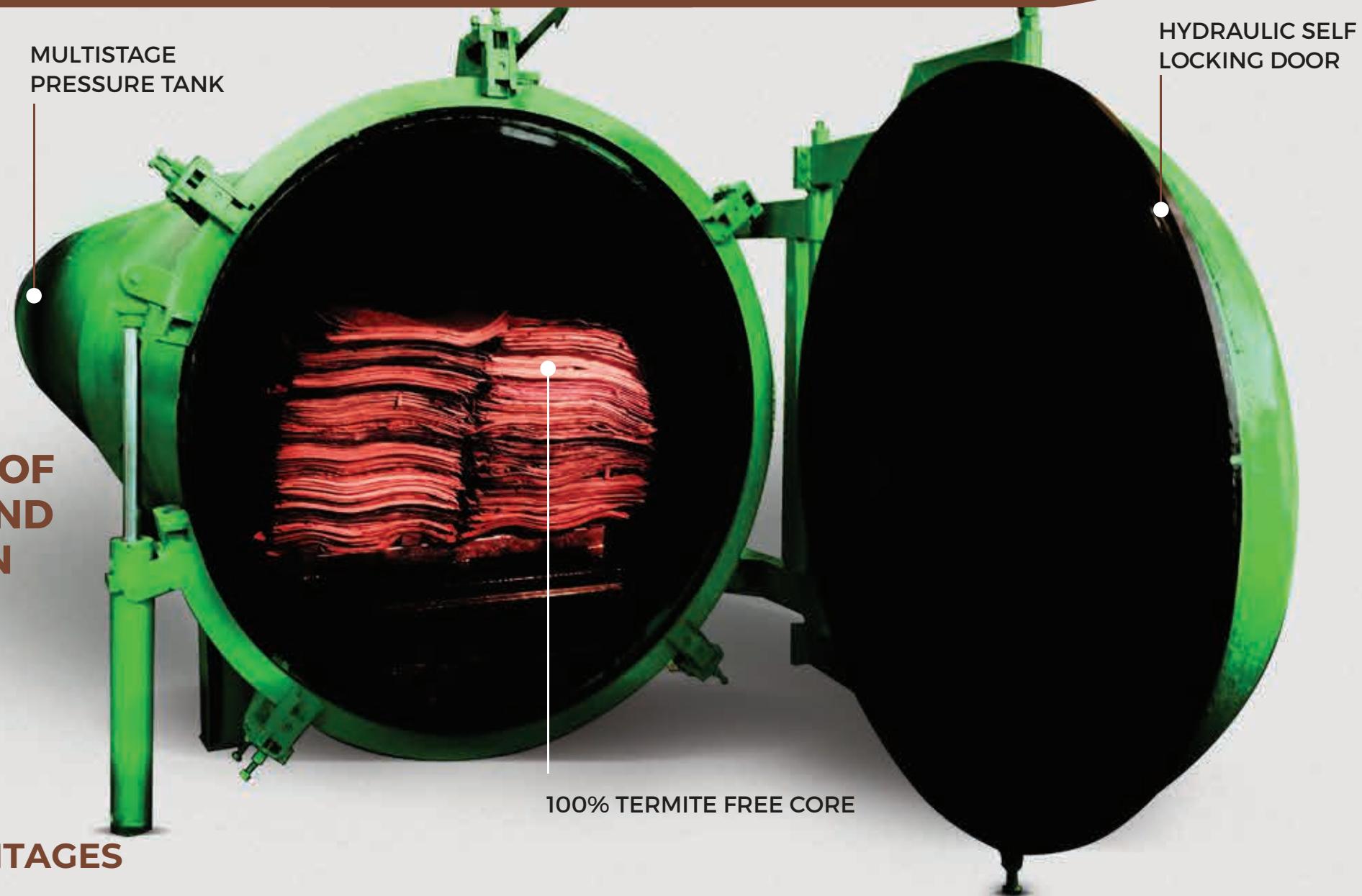
THE CORE GUARDIAN

ADVANCED VACUUM IMPREGNATION PLANT

SCIENCE OF PERFECTION

At Sylvan, the journey of transforming ordinary wood into extraordinary plywood begins with our state-of-the-art vacuum impregnation plant. It works on the core principle of treating porous materials (like wood) with protective substances. The process starts by creating an almost surreal vacuum environment, a space where air and moisture, the age-old enemies of wood, are completely removed. This meticulous evacuation sets the stage for the magic of impregnation, where our plywood core is submerged in or exposed to a preservative or other treatment chemicals. Finally, pressure is applied to ensure the chemicals penetrate deeply into each layer of our plywood core, making it completely termite and borer proof.

A SYMPHONY OF
CHEMISTRY AND
PERFECTION



THE ADVANTAGES

- Revolutionizing Durability with Depth:** Through our vacuum impregnation technique, we ensure that every fiber of the plywood core is meticulously fortified. This isn't just a surface treatment; it's a deep dive into protection against moisture, termites, and rot. The result? Our plywood, doesn't just endure but thrives, offering unparalleled longevity and resilience.
- Uniform Quality:** At Sylvan, we believe in perfection that's consistent and our Core Guardian ensures that each layer of plywood receives equal attention and protection. It's a uniformity that traditional surface treatments can't match. This meticulous process means every part of the plywood, even the most hidden layers, receives its share of armor, ensuring uniform quality that stands the test of time.
- Eco-Conscious Innovation:** In the heart of our technological advancements lies a deep commitment to the environment. Our modern vacuum impregnation plant uses less toxic, more sustainable chemicals, aligning us with health safety standards. *It's a way of building Surakshit Spaces with Sylvan*, while ensuring the well-being of our customers.



Z Plus Premium Plus is an exclusive product from Sylvan that amps up your interiors by leaps and bounds and gives off a polished look. Imbibed with all our premium features, this product is an all-rounder.

FEATURES

- Hexadic Calibrated Tech (6 times) for mirror smooth finish
- Structural Grade as per **IS: 10701** standards
- Built with cutting-edge vacuum-impregnation treatment that protects against termites and borers for years
- Emission Shield+ ensures ultra-low emissions, creating a safer, toxin-free environment indoors
- Treated with our powerful ATBS (Anti-Termite and Borer Solution) for termite and borer proof ply
- 100% Boiling Water Proof—built to withstand the toughest moisture conditions without compromise
- Manufactured using 8ft long core and 8ft long panels through an advanced automated process—ensuring pinless construction, maximum strength, and zero gaps
- Enhanced with our proprietary Fire Guard Technology, offering fire resistance of upto 45 minutes
- Resists Ignition, Surface Spread, and Penetration
- Low Flammability and Smoke Generation
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Imported High-Density Timber / Keruing / Gurjan
- Bonded with our in-house PowerSeal adhesive to ensure high-strength & long-lasting performance
- Through our four-stage Quadra Press technology, each sheet is uniformly pressed—ensuring impeccable flatness with zero warp or bend
- Nail Holding Strength: Excellent
- Screw Holding Strength: Excellent
- Load Bearing Capacity: Excellent

KEY ATTRIBUTES



USAGE

Ship Floor | Boat Building | Paneling in Bulkheads
Lining for Refrigerated Ships | Cooling Towers
Wall Paneling | Ceilings



Premium Club Ply is an A-lister product from Sylvan. The perfect fit for all moisture-prone areas in your space, this marine-grade plywood is built to last you a lifetime.

FEATURES

- Quinate Calibrated Tech (5 times) for smooth finish
- Marine Grade as per IS: 710 standards
- Built with cutting-edge vacuum-impregnation treatment that protects against termites and borers for years
- Emission Shield+ ensures ultra-low emissions, creating a safer, toxin-free environment indoors
- Treated with our powerful ATBS (Anti-Termite and Borer Solution) for termite and borer proof ply
- 100% Boiling Water Proof—built to withstand the toughest moisture conditions without compromise
- Long core and long panels ensuring maximum strength and zero gaps
- Enhanced with our proprietary Fire Guard Technology, offering fire resistance of upto 40 minutes
- Resists Ignition, Surface Spread, and Penetration
- Low Flammability and Smoke Generation
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Imported High-Density Timber
- Bonded with our in-house PowerSeal adhesive to ensure high-strength & long-lasting performance
- Three-tier preservative treatment for deeper penetration
- Leach-Resistant
- Nail Holding Strength: Excellent
- Screw Holding Strength: Excellent
- Load Bearing Capacity: Excellent

KEY ATTRIBUTES



The Premium Club Blockboard is a best-seller owing to the durability and style that it brings to the table. You can mould it according to your interior design plans.

FEATURES

- Boiling Waterproof Blockboard as per IS:1659 standards
- High dimensional stability for zero warp and bend.
- Effectively treated to resist borer attacks, ensuring long-lasting protection
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Multi-stage calibration for a smooth and flawless finish
- Crafted from 100% American or Imported Pinewood
- Fillers made of American Pinewood, offering exceptional bonding strength

USAGE

Ship Floor | Boat Building | Paneling in Bulkheads
Lining for Refrigerated Ships | Cooling Towers
Wall Paneling | Furniture | Kitchen Cabinets



Sylvan⁺ply®

Oceanic Premium Club
Plywood

Oceanic Premium Club Ply from Sylvan's top-tier plywood range is a marine-grade plywood manufactured utilizing the finest quality imported timber, and gives your interiors an edgy spin

FEATURES

- Quinate Calibrated Tech (5 times) for smooth finish
- Marine Grade as per IS: 710 standards
- Built with cutting-edge vacuum-impregnation treatment that protects against termites and borers for years
- Emission Shield+ ensures ultra-low emissions, creating a safer, toxin-free environment indoors
- Treated with our powerful ATBS (Anti-Termite and Borer Solution) for termite and borer proof ply
- 100% Boiling Water Proof—built to withstand the toughest moisture conditions without compromise
- Enhanced with our proprietary Fire Guard Technology, offering fire resistance of upto 35 minutes
- Low Flammability and Smoke Generation
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Imported High-Density Timber
- Bonded with our in-house PowerSeal adhesive to ensure high-strength & long-lasting performance
- Three-tier preservative treatment for deeper penetration
- Leach-Resistant
- Nail Holding Strength: High
- Screw Holding Strength: High
- Load Bearing Capacity: High

KEY ATTRIBUTES



Sylvan⁺ply®

Oceanic Premium Club
Blockboard

The Oceanic Premium Club Blockboard from Sylvan is a product that blends right in to your interior design elements, and creates a space for its own.

FEATURES

- Boiling Waterproof Blockboard as per IS:1659 standards
- Effectively treated to resist borer attacks, ensuring long-lasting protection
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Fillers made of American Pinewood, offering exceptional bonding strength

USAGE

Ship Floor | Furniture | Boat Building
Paneling in Bulkheads | Cooling Towers | Wall Paneling
Lining for Refrigerated Ships | Kitchen Cabinets





One of our best-selling products, Primo Plus Ply is something that architects and interior designers can blindly trust. Making structures look better, Primo Plus Ply is a great shot at making your interiors look fabulous.

FEATURES

- Tetrad Calibrated Tech (4 times) for smooth finish
- Marine Grade as per IS: 710 standards
- Built with cutting-edge vacuum-impregnation treatment that protects against termites and borers for years
- Emission Shield+ ensures ultra-low emissions, creating a safer, toxin-free environment indoors
- Treated with our powerful ATBS (Anti-Termite and Borer Solution) for termite and borer proof ply
- 100% Boiling Water Proof—built to withstand the toughest moisture conditions without compromise
- Enhanced with our proprietary Fire Guard Technology, offering fire resistance of upto 30 minutes
- Resists Ignition, Surface Spread, and Penetration
- Low Flammability and Smoke Generation
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Imported High-Density Timber
- Bonded with our in-house PowerSeal adhesive to ensure high-strength & long-lasting performance
- Nail Holding Strength: High
- Screw Holding Strength: High
- Load Bearing Capacity: High

KEY ATTRIBUTES



The Primo Plus Blockboard is meant to last you a lifetime, and adorn your space with any furniture that it is used for.

FEATURES

- Boiling Waterproof Blockboard as per IS:1659 standards
- Effectively treated to resist borer attacks, ensuring long-lasting protection
- Coated with anti-fungal and anti-bacterial protection to safeguard health and hygiene
- Multi-stage calibration for a smooth and flawless finish
- Crafted from Imported Pinewood

USAGE

Furniture | Cabinet | Partitions | Wall Paneling | Ceilings



MANUFACTURING PROCESS

At Sylvan,

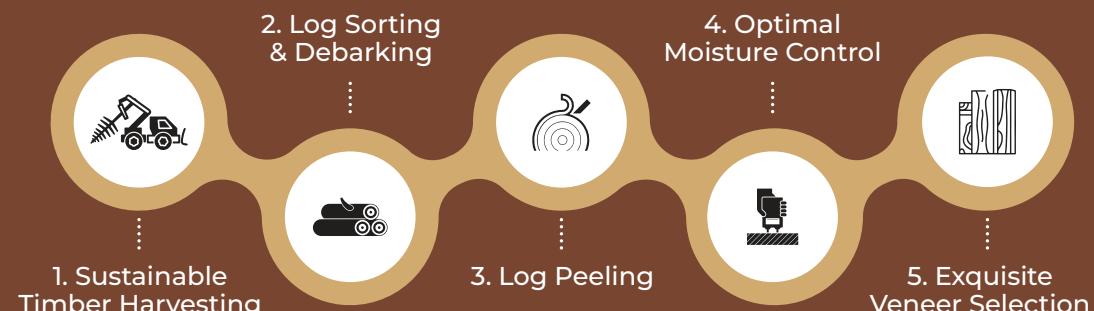
we take immense pride in our plywood manufacturing process, which incorporates cutting-edge machinery under the close supervision of experienced professionals. Our meticulous step-by-step approach ensures that only the finest timber is chosen to create our long lasting premium quality products. By combining expertise, precision, and top-notch materials, we deliver the highest standards in the industry, providing our customers with unrivaled quality and reliability.

Experience the pinnacle of plywood innovation with Sylvan's exclusive Power Seal Adhesive. This proprietary resin is a masterpiece of chemical engineering, crafted in-house using premium phenol-formaldehyde and melamine-formaldehyde. Elevated by precision catalysts and perfected through a controlled polymerization process, our adhesive transforms into a robust, viscous liquid that binds wood veneers under intense heat and pressure.

Our plywood is infused with cutting-edge anti-termite agents and enhanced with fire-resistant chemicals, making it exceptionally durable. Our exclusive formula creates plywood built to last. Choose Sylvan, where every panel is proof against the perils, ensuring a safer, stronger foundation for your projects.

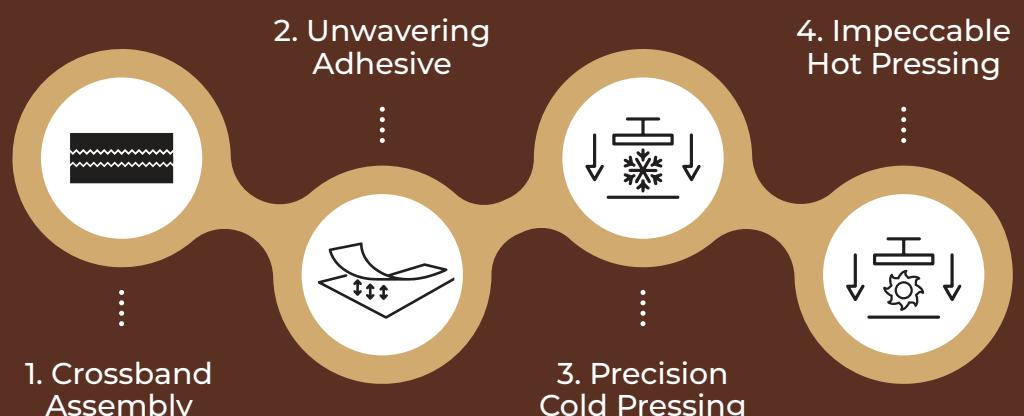
Step 1 Preparation

Sustainability is at the core of our manufacturing process. We meticulously select timber from sustainably managed forests, ensuring environmental preservation while sourcing the finest raw materials. After harvesting, our expert craftsmen carefully sort and debark the logs, preparing them for the next stage. With advanced peeling machines, we create continuous sheets of exquisite veneers, ensuring consistency and precision. Controlled drying optimizes moisture content, guaranteeing superior quality and stability. Our veneer selection process, meticulous and thorough, ensures only the finest veneers grace our plywood, delivering an exquisite finish to your projects.



Step 2 Precision Bonding

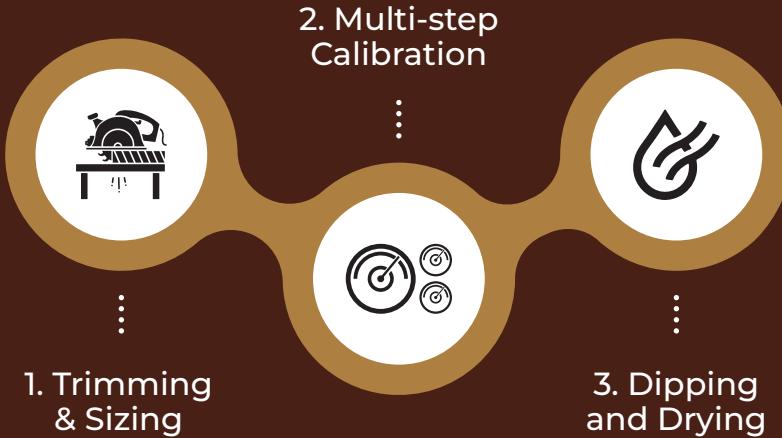
At Sylvan, precision and strength lie at the core of our plywood production. Through the meticulous crossband assembly, our core veneer sheets are arranged perpendicular to the face veneers, ensuring optimal balance and stability while reducing the risk of warping. The application of our in-house Power-Seal adhesive on both sides of the core veneer sheets, with its exceptional phenol-formaldehyde resin, creates a resilient and unified plywood structure. Our advanced hydraulic press machines enable precise cold pressing, facilitating initial bonding by removing excess adhesive. Impeccable hot pressing under controlled temperature and pressure conditions then culminates in plywood panels with remarkable structural integrity, guaranteed to withstand the test of time.





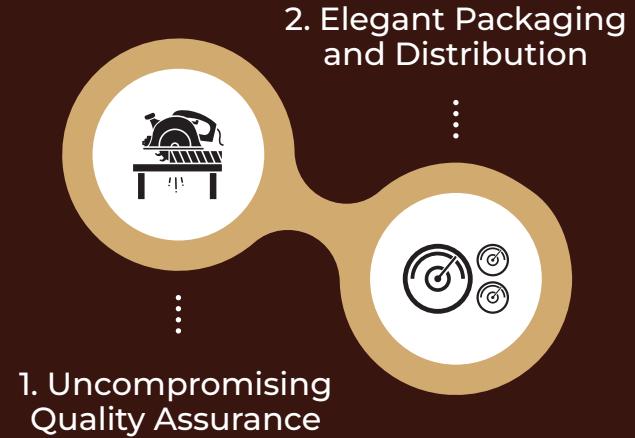
Step 3 **Enhanced Protection**

Attention to detail ensures excellence in every stage of our plywood production. After hot pressing, precise trimming and sizing removes excess edges, achieving desired dimensions. The panels are then meticulously sanded for a flawless finish. Our multi-step calibration guarantees mirror-smooth surfaces, dimensional accuracy, and structural integrity. With specialized dipping and drying stages, our plywood becomes resistant to decay, rot, pests, and fire, ensuring exceptional durability that stands the test of time.



Step 4 **Quality Control**

At Sylvan, quality is our unwavering commitment. Every plyboard undergoes a rigorous 6-step quality control inspection, ensuring only flawlessly crafted and defect-free plywood. Once certified, each plyboard is elegantly packaged and safeguarded during transportation. Careful stamping and printing display essentials like IS markings, specifications, and warranty period are given, while protective materials ensure their exceptional quality remains intact upon arrival at their destination.





PLYWOOD | BLOCKBOARD | FLUSH DOOR

Sylvan Plyboard (India) Limited

(AN ISO 9001, ISO 14001 & 45001 Certified Company)

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