



SINCE 1997

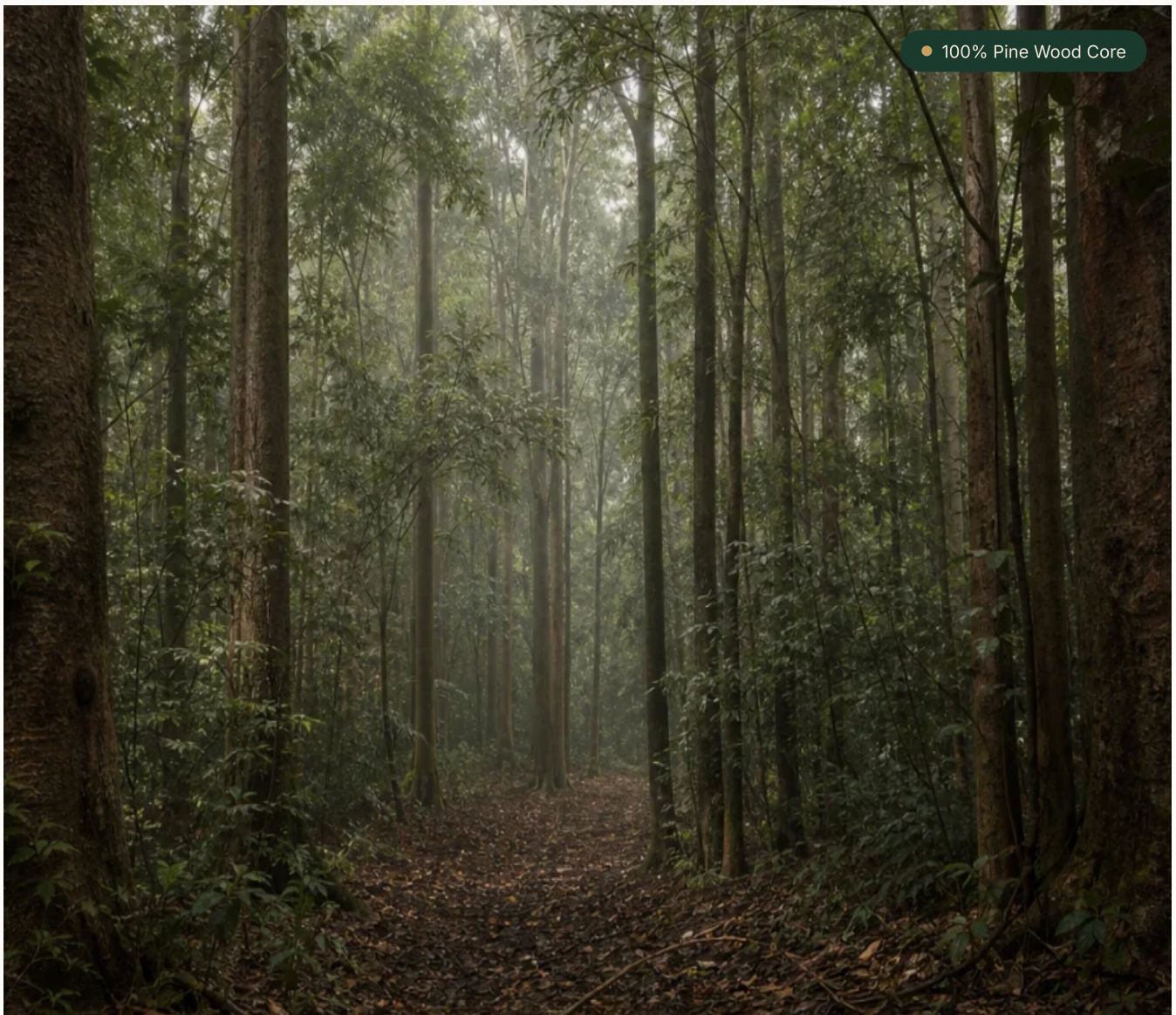
Product Catalog

From Nature's Bounty *to your home.*

MIECO manufactures 100% pine wood block board, flush doors, shuttering, marine and B.W.R. plywood — bonded under calibrated heat and pressure with quality synthetic resins, then preservative-treated for a lifetime of dimensional stability.

PRODUCT RANGE

Plywood / Block Board / Flush Doors / Shuttering Ply / Marine Ply



EVERY PANEL CERTIFIED TO

IS:303 PLYWOOD

IS:710 MARINE

IS:1659 BLOCK BOARD

IS:4990 SHUTTERING

IS:2202 FLUSH DOORS

A panel is only as honest as the timber inside it.

We do not blend species to cut cost. MIECO Ply is built from only Gurjan hardwood veneers — pressed at high temperature and pressure, bonded with quality synthetic resins, then run through a special preservative treatment that locks out borers, termites and decay.

The result is a working material that holds its edge, holds its shape, and stays honest in the hands of carpenters, architects and homeowners — for the decades that follow the build.

01

Timber Selection

Only Gurjan hardwood veneers for premium ply, 100% pine wood cores for block board — no semi or softwood substitutes, ever.

02

High-Pressure Bonding

Veneers are bonded under calibrated heat and pressure with quality synthetic resins — M.R. grade for interior, B.W.R. phenolic for exterior exposure.

03

Preservative Treatment

Every panel undergoes a special preservative treatment — protecting against borers, termites, fungi and the slow damage of moisture.

04

Calibration & Finish

Pressed, sanded and inspected to consistent density and thickness — so every sheet works the same on site, every time.

WHY MIECO

Feature by feature, the best a ply can be.

Here is how a MIECO sheet measures against what the rest of the market typically ships.

Feature	MIECO Ply	Others
Timber species used	Only Gurjan Hardwood	Semi / softwood blends
Veneer density	785 kg/m ³	Substantially lower
Preservative treatment	Special, full-depth	Surface or none
Pressing conditions	High temp. & pressure	Standard cycle
Bond quality (B.W.R.)	Phenolic, BWP rated	Lower resin grade
Dimensional stability	Lifetime, treated	Variable
Surface finish	Calibrated, smooth	Inconsistent

Five panels. One standard.

Each MIECO product is engineered for a specific job — but they share one discipline: high-density veneers, quality resins, preservative treatment, and an honest core from end to end.



01 MIECO Plywood

M.R. & B.W.R. GRADE

Manufactured from high-density hardwood veneers, bonded with quality synthetic resins under high temperature and pressure, then given a special preservative treatment for dimensional stability and long life.

Veneer: Only Gurjan Hardwood **Density:** 785 kg/m³ **Grades:** M.R. · B.W.R. **Thickness:** 4, 6, 9, 12, 16, 19 mm



02 Block Board

100% SOLID CORE

Solid wood battens of pine and Gurjan are bonded edge-to-edge, sandwiched between cross-band veneers, and pressed with quality resins. Built for doors, partitions, shelves and furniture that carries weight without sagging.

Core: Pine & Gurjan **Interior Bond:** Urea Formaldehyde **Exterior Bond:** Phenol Formaldehyde

Modulus of Rupture: 45–55 N/mm²



03 Flush Doors

DIMENSIONALLY STABLE CORE

A solid timber core framed, bonded and pressed with face veneers to deliver a door that resists warping, holds its hardware, and stays flush against its frame through years of daily use.

Construction: Solid Block Board Core **Face Veneer:** Decorative / Plastic Coated **Sizes:** 2135 × 915 / 750 mm



04 Shuttering Plywood

REUSABLE FORMWORK

Engineered for concrete formwork. High-density, phenolic-bonded, preservative-treated and reusable — MIECO shuttering ply holds a clean cast pour after pour, on slabs, columns and walls.

Density: ≈ 0.80 g/cm³ **Bond:** Phenol Formaldehyde (BWP) **Re-uses:** 12–20 cycles (typical)

Thickness: 9, 12, 15, 18 mm



05 Marine Plywood

BOILING WATER PROOF

Built from 100% imported Gurjan timber, bonded with phenolic resin and put through a specialised preservative treatment. Survives prolonged water immersion — for boats, kitchen cabinets, exterior doors and coastal joinery.

Timber: 100% Imported Gurjan **Bond Strength (Wet):** 1.20 N/mm² **Specific Gravity:** 0.85–0.90

Thickness: 6, 9, 12, 16, 19 mm

Every panel leaves the press certified, not assumed.

Each MIECO product is independently tested against its relevant Indian Standard — from static bending strength and glue adhesion to moisture resistance and species verification. The stamp on the panel is the same one on the test certificate.

IS Approved All Products	5 Standards IS:303 / 710 / 1659 / 4990 / 2202	Certificate MIECO Plywood, IS Approved
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Static Bending Strength (along)	70 N/mm ²
Modulus of Elasticity	7000 N/mm ²
Tensile Strength	35 N/mm ²
Compressive Strength	45 N/mm ²
Bond Strength (Dry)	1.50 N/mm ²

Verified by independent laboratory.

LET'S TALK

Specify MIECO on your next build.

Share your project details — square footage, panel grades, sizes and site location — and our team will respond with availability, lead time and pricing for your specification.

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