



ISO 9001:2015 CERTIFIED

J.U. POLYMERS PVT. LTD.

Pioneering Excellence in Pre-Laminated Board Manufacturing

Official Corporate Profile & Comprehensive Product Technical Guide

OUR FLAGSHIP REGISTERED BRANDS



ABOUT THE ENTERPRISE

J.U. Polymers Pvt. Ltd. is a leading Indian manufacturing enterprise specializing in optimum grade Pre-Laminated Particle Boards, MDF Boards, HDMR Boards, and Eco-Friendly Bagasse Boards. Operating state-of-the-art lamination lines in Guwahati, Assam, we serve major commercial, industrial, and residential interior markets across India.

Equipped with high-precision short-cycle lamination presses and automated resin impregnation systems, our manufacturing facility delivers over **15 Million Sq. Ft.** of high-performance pre-laminated boards annually, adhering strictly to Indian (BIS) and International quality standards.

15M+ Sq.Ft.

Annual Capacity

90+ Decors

ColorStar Catalog

100% Eco

Bagasse Boards

ISO 9001

Quality Assured

1. PRE-LAMINATED PARTICLE BOARDS

Engineered wood panels produced from fine wood particles and shavings bonded together with synthetic resins under high temperature and hydraulic compression. Offers an economical, highly versatile core for modern interior joinery.

Key Applications & Uses:

- Modular Furniture: Cabinets, office workstations, study desks, computer tables, shelving units.
- Cabinetry & Joinery: Flat-pack furniture, wardrobe carcasses, kitchen carcasses, store fixtures.
- Commercial Interiors: Paneling, acoustic wall cladding, partitions, exhibition displays.

2. ECO-FRIENDLY BAGASSE BOARDS (SUGARCANE FIBER)

The Smart & Sustainable Alternative: Eco-friendly engineered panels crafted from 100% sugarcane residue (bagasse) remaining after juice extraction. Prevents agricultural waste burning and saves natural forests without compromising strength.

Key Advantages & Benefits:

- 100% Deforestation-Free: Protects timber forests by utilizing renewable agricultural byproduct.
- Ultra-Smooth Surface Finish: Ideal for short-cycle lamination, melamine paper pressing, and decorative veneers.
- Dimensional Stability & Strength: Excellent screw-holding strength, uniform core density, and warp resistance.
- Environmentally Responsible: Low formaldehyde emission resins for healthier indoor air quality.

3. MEDIUM DENSITY FIBERBOARD (MDF)

Premium engineered wood made from refined, high-density wood fibers combined with synthetic resin and pressed under extreme thermal pressure. Devoid of knots or grain direction, providing consistent density throughout.

Key Characteristics & Uses:

- Machining & Routing: Can be easily carved, CNC routed, drilled, and molded without chipping.
- Homogeneous Density: Consistent edge finishing, knot-free structure, high load-bearing capacity.
- Applications: Architectural moldings, decorative wall paneling, wardrobe shutters, office furniture.

4. HIGH-DENSITY HIGH MOISTURE RESISTANT (HDMR BOARDS)

Next-generation green-core boards specially formulated with specialized moisture-resistant adhesive resins and ultra-high fiber density (>800 kg/m³) to withstand extreme humidity and environmental moisture.

Key Features & Moisture Resistance:

- Water & Moisture Resistant: Superior performance in high-humidity zones like kitchens and bathrooms.
- High Load & Bending Strength: Tougher core structure with minimal thickness swelling upon exposure.
- Applications: Kitchen cabinets, vanity units, bathroom furniture, laboratory tables, heavy-duty wardrobes.

STANDARD SIZE & THICKNESS AVAILABILITY MATRIX

Board Category	Standard Dimensions	Available Thicknesses	Density Range
Pre-Lam Particle Board	8ft x 4ft (2440 x 1220 mm) 9ft x 6ft (2745 x 1830 mm)	9mm, 11mm, 12mm, 17mm, 18mm, 25mm	650 - 720 kg/m³
Eco Bagasse Board	8ft x 4ft (2440 x 1220 mm) 9ft x 6ft (2745 x 1830 mm)	9mm, 11mm, 12mm, 17mm, 18mm, 25mm	680 - 740 kg/m³
Medium Density (MDF)	8ft x 4ft (2440 x 1220 mm) 9ft x 6ft (2745 x 1830 mm)	9mm, 11mm, 12mm, 17mm, 18mm, 25mm	720 - 800 kg/m³
HDMR Board (Green Core)	8ft x 4ft (2440 x 1220 mm)	11mm, 12mm, 17mm, 18mm	800 - 880 kg/m³

WHY CHOOSE J.U. POLYMERS BOARDS?

Termite & Borer Proof Chemically treated matrix preventing insect attack and structural degradation.	Scratch & Stain Resistant Melamine-impregnated barrier paper protects against everyday household scuffs.
Moisture Resistant Core Specially bonded resin systems ensure high resistance in humid environments.	Eco-Friendly Agro Tech Utilizes 100% agro-residue bagasse fibers, reducing deforestation and carbon footprint.
Non-Fading Aesthetics UV-resistant decor papers guarantee vibrant color longevity without discoloration.	ISO 9001:2015 Certified Precision-tested in rigorous quality labs adhering to national BIS standards.

COLORSTAR™ OFFICIAL DECOR COLLECTION (90+ DESIGNS)

Our flagship brand ColorStar™ features over 90 high-definition decor swatches including Woodgrains (Rolex, Teak, Wenge, Walnut), Solid Colors (Frosty White, Ivory, Graphite, Sky Blue), Marble & Stone (Calacatta, Silva), Modern Abstract (Bodyline, Cross Veneer), and Floral Collections.

OUR MISSION

To lead the pre-laminated board industry by manufacturing superior quality particle, MDF, HDMR, and bagasse boards that fulfill the evolving needs of architects, interior designers, and furniture manufacturers through sustainable innovation and precision engineering.

OUR VISION

To be the most preferred and trusted brand for pre-laminated boards across India, recognized for unmatched product durability, eco-friendly manufacturing technologies, and absolute customer satisfaction.

OUR CORE VALUES

1

Quality Excellence

Uncompromising precision and multi-stage testing in every single board.

2

Sustainability

Protecting natural timber forests through agro-based sugarcane bagasse boards.

3

Customer Centricity

Listening, tailoring, and delivering prompt service exceeding client expectations.

4

Integrity & Ethics

Conducting business with 100% transparency, honesty, and ethical standards.

5

Collaboration

Fostering teamwork with dealers, architects, interior contractors, and partners.

6

Reliability

Consistent batch-to-batch quality and on-time delivery commitments.

CONNECT WITH OUR SALES & WHOLESALE DESK

MANUFACTURING PLANT:

Inside Rani CRPF Camp, Rani, Industrial Area,
Guwahati, Kamrup, Assam - 781131, India

CITY CORPORATE OFFICE:

Hasmat Complex - 1st Floor, Next to IndusInd Bank,
SJ Road, Athgaon, Guwahati - 781001, Assam

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