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DISCOVER ENDLESS POSSIBILITIES WITH **GREENLAM INDUSTRIES**

At Greenlam Industries, we do not just follow trends, we set them. Our global presence in over 100 countries has allowed us to be at the forefront of the surface décor industry.

From our creative solutions to our technological advancements, we have consistently demonstrated our ability to stay ahead of the curve.

But our success is not just attributed to our products. Our exceptional manufacturing processes, widespread distribution network, and unparalleled brand equity, combined with our dynamic and motivated team, have all contributed to our sustained growth and recognition.

With the recent addition of plywood to our product range, Greenlam Industries now offers a complete wood solution, excelling in both surface and substrate to provide the highest quality products.

INTRODUCING



Welcome to a world where quality reigns supreme. At MikasaPly, we take pride in our commitment to excellence, ensuring that every ply we produce is crafted with meticulous attention to detail. Our process begins with selecting only the finest wood, which we then skillfully transform into top-tier ply, guaranteeing unmatched quality, functionality, and durability.

Manufactured in the most advanced plywood facility in the nation, equipped with state-of-the-art machinery, our manufacturing process ensures the consistent delivery of high-caliber products. At the heart of our innovation lies Deca Edge Technology, a cutting-edge advancement that infuses each MikasaPly product with unparalleled strength, resilience, and longevity.

Experience the difference of MikasaPly – where simplicity meets sophistication, and efficacy meets excellence.

DIVERSE RANGE OF PRODUCTS



WHERE MASTERY TAKES SHAPE

Discover our cutting-edge manufacturing hub nestled in Tindivanam, Tamil Nadu, spanning an impressive 17 acres of innovation and excellence. With an annual production capacity of 18.9 million square meters, our state-of-the-art facility is equipped with latest imported machineries, guaranteeing unparalleled product consistency while minimizing human intervention.

At the core of our operations lies a profound commitment to the safety and well-being of our esteemed workforce. Experience peace of mind knowing that our facility offers comprehensive basic amenities like, residential facilities, a hygienic canteen, and a robust fire protection system, insulated roof for a cooler and a comfortable working environment for all.

The world-class factory is dedicated to environmental responsibility and sustainability including agroforestry, ethical sourcing of raw materials, and the reclamation of wasteland through tree cultivation. Additionally, it operates as a Zero Liquid Discharge (ZLD) plant to conserve and recycle water, maintains pollution-free air with Electrostatic Precipitators (ESPs), and establishes a dust-free environment through an electro-pneumatic suction system.

Serving as a pivotal hub for the dynamic markets of seven important Indian states - Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu, Maharashtra and Goa along with the Union Territory of Puducherry, our Tindivanam plant offers a strategic advantage like no other. Benefit from a streamlined value chain, expedited turnaround times, and the flexibility to accommodate small, yet frequent orders, all designed to elevate your experience with us to unprecedented heights of efficiency and convenience.









LOVES NATURE. LOVED BY NATURE.

Sustainability is at the forefront of everything we do. We ethically source our wood from agroforestry plantations, reducing our environmental impact and promoting sustainable farming practices. Our commitment to reducing waste is reflected in our use of the latest, customized machinery, which allows us to deliver the finest quality ply with minimal waste.

We have partnered with a research agency to promote sustainable farming practices. Our plant is equipped with an advanced zero liquid discharge system that includes effluent and sewage treatment units to ensure environmentally sustainable operations. Our plywood plant ensures the discharge of clean air and a pollution-free environment. By being the first plant to implement pollution control equipment, we are committed to prioritizing sustainability.

We conserve water through recharge pits and recycling, ensuring the best utilization of this precious resource. At Greenlam Industries, we ensure not to disturb the delicate balance of nature.

THE MANY WAYS OF GOOD GRADES

MikasaPly provides a range of products that are both user-friendly and packed with advanced features, making them suitable for a wide range of applications, including residential, commercial, and industrial settings.

The No Nonsense Ply comes with a smooth surface, high standards of calibration and minimal emission factor because it is bonded with European standard grade resin. Moreover, each MikasaPly is vacuum-pressure chemically treated for termites, borers, bacteria, and fungus, to deliver a defect-free product that also has high impact and tensile strength.



VPCT:	Vacuum Pressure Chemical Treatment
CMD:	Conditioning through Mechanized Drying
MCC:	Mechanized Core Composers
MTST:	Modified Triple-stage Technology
ATAB:	Anti-termite & Anti-borer
QCPT:	Quad-core Press Technology
PCT:	Precision Calibration Technology
HIRT:	High-impact Resistant Technology
AFAB:	Anti-fungal & Anti-bacterial
HTS:	High-tensile Strength

SAPPHIRE

MARINE BLUE

MARINE

MR+

FIRE GUARDIAN



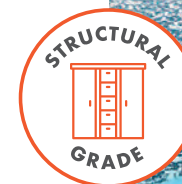
Sapphire, a structural-grade plywood meticulously crafted from superior hardwood, boasting a 0.6mm face veneer thickness on each side. Engineered with precision and bonded with E0 certified resin, this eco-conscious product emits zero emissions, aligning with sustainable practices.

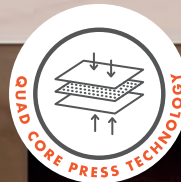
Renowned for its exceptional durability, Sapphire is constructed from 100% composed veneer, ensuring unparalleled strength and longevity. Safeguarding against potential fire hazards, this plywood is inherently fire-retardant, providing peace of mind in any setting.

Backed by a lifetime warranty, Sapphire stands as the epitome of excellence, catering to discerning individuals who seek nothing less than the utmost quality in their plywood selections.

APPLICATIONS

- Indoor and Outdoor Furniture
- Interior Designs - Domestic and Commercial Buildings
 - Cabinets and Shelving
 - Sports Equipment - Musical Instruments
- Insulation Boxes - Shipbuilding and other Marine Applications
- Bathroom Interiors and Under-sink Cabinets





MikasaPly

MikasaPly



A product of
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MikasaPly
SAPPHIRE

A product of
Greenlam Industries Limited

MikasaPly

MikasaPly





Thickness in mm	Number of Plies
4mm	5
6mm	7
9mm	9
12mm	11
16mm	13
19mm	15
25mm	17
Face Veneer	0.6 mm - 2 layers of 0.3mm face veneers on each side
Fire Retardant	Yes, as per IS 5509:2021
Emission Norms	E0
Veneer Treatment	Each veneer is preservative treated with Vacuum Pressure Technology
Density approx. in kg per CBM	800
Nail Holding Strength (kg)	≥150
Screw Holding Strength (kg)	≥275
Impact Resistance	Excellent strength and dimensional stability due to higher number of plies and use of select premium hardwood

TECHNICAL SPECIFICATION

Quad-Core Press	Yes, additionally two times owing to dual-surface construction of face veneer
100% Composed Veneer	All layers are pre-composed in an automatic state-of-the-art machine
Adhesives of Plies	
Glue Shear Strength (N)	≥1755
Visual Inspection	Excellent
Moisture Content (%)	8 -12
Water Absorption (%)	<5
Static Bending Strength (N/mm²)	
Modulus of Rupture (MOR):	
Along the grain	≥60
Across the grain	≥45
Modulus of Elasticity (MOE):	
Along the grain	≥9000
Across the grain	≥5200
Adhesive	Phenolic adhesive
Calibration	100% with Precision Calibration Technology
Compressive Strength (N/mm²)	
Parallel to the face grain	40
Perpendicular to the face grain	35
Panel shear strength(N/mm²)	13.5
Modulus of rigidity(N/mm²)	600
Rolling shear strength(N/mm²)	3.5



**A PROMISE OF
GENUINE PLY**



SCAN TO VERIFY
YOUR PLYWOOD'S
AUTHENTICITY.



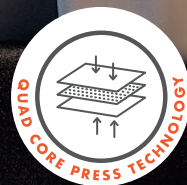
Discover Marine Blue, the ultimate choice for a multitude of projects! Crafted with a robust structure and tropical wood blend, it offers unparalleled versatility and durability, seamlessly fitting indoor and outdoor needs. Adhering to stringent emission standards ensures environmental safety, while the preservation treatment extends its lifespan significantly.

With outstanding features like high tensile strength and fire safety, Marine Blue emerges as a trusted option for furniture and beyond. Backed by an impressive 30-year warranty, it exemplifies superior quality and enduring durability. Marine Blue embodies a perfect blend of functionality and reliability, making it a wise investment for those seeking dependable plywood solutions.

APPLICATIONS

- Indoor and Outdoor Furniture
- Office Woodwork - Partitions and Panelling
- Furniture and Kitchen Cabinet
- Bathroom Interiors - Under-sink Cabinets
- Domestic and Commercial Buildings





ALSO AVAILABLE IN
BLOCKBOARD





Thickness in mm	Number of Plies
4mm	5
6mm	5
9mm	7
12mm	9
16mm	11
19mm	13
25mm	17
Fire Retardant	Yes, as per IS 5509:2021
Veneer Treatment	Each veneer is preservative treated with Vacuum Pressure Technology
Density approx. in kg per CBM	725
Impact Resistance	High strength & dimensional stability
Screw Holding Strength (kg)	≥250
Nail Holding Strength (kg)	≥105
Emission Norms	E0

TECHNICAL SPECIFICATION

Quad-Core Press	Yes
Adhesives of Plies	
<i>Glue Shear Strength (N)</i>	≥1620
<i>Visual Inspection</i>	Excellent
100% Composed Veneer	All layers are pre-composed in an automatic state-of-the-art machine
Moisture Content (%)	8 -12
Water Absorption (%)	<5
Static Bending Strength (N/mm2)	
Modulus of Rupture (MOR):	
<i>Along the grain</i>	≥55
<i>Across the grain</i>	≥40
Modulus of Elasticity (MOE):	
<i>Along the grain</i>	≥8000
<i>Across the grain</i>	≥4800
Adhesive	Phenolic adhesive
Calibration	100% with Precision Calibration Technology

IS 710



CM/L - 6700097613

A PROMISE OF
GENUINE PLY



SCAN TO VERIFY
YOUR PLYWOOD'S
AUTHENTICITY.

MARINE



Introducing Marine, the premium BWP plywood tailored for moisture-prone environments.

Crafted from tropical wood with a 0.30mm face veneer, Marine stands out with its innovative Quad-Core Press Tech compression process.

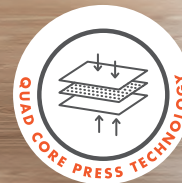
This cutting-edge technology prevents deformation even under high pressure, guaranteeing long-lasting reliability.

With a robust 25-year warranty, Marine emerges as the ideal choice across diverse applications where durability and pressure resistance are paramount. Elevate your projects with Marine, the epitome of strength and endurance in plywood solutions.

APPLICATIONS

- Modular Kitchen - Cabinets and Shelving
- Furniture, Interior Design and Fittings
- Woodwork and Joinery
- Areas exposed to moisture, both inside and outside
- False Ceilings





MikasaPly

MikasaPly



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 **MikasaPly**
MARINE

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Greenlam Industries Limited

MikasaPly

MikasaPly



Thickness in mm	Number of Plies
4mm	5
6mm	5
9mm	7
12mm	9
16mm	11
19mm	13
25mm	17

Screw Holding Strength (kg)	≥220
Nail Holding Strength (kg)	≥100
Veneer Treatment	Each veneer is preservative treated with Vacuum Pressure Technology

Static Bending Strength (N/mm²)

Modulus of Rupture (MOR):

<i>Along the grain</i>	≥55
<i>Across the grain</i>	≥35

TECHNICAL SPECIFICATION

Modulus of Elasticity (MOE):

<i>Along the grain</i>	≥7500
<i>Across the grain</i>	≥4400

Adhesive	Phenolic adhesive
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Impact Resistance	High strength & dimensional stability
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Quad-Core Press	Yes
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100% Composed Veneer	Machine composed core
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Density approx. in kg per CBM	680
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Moisture Content (%)	8 -12
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Adhesives of Plies

<i>Glue Shear Strength (N)</i>	≥1480
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<i>Visual Inspection</i>	Excellent
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Water Absorption (%)	<5
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Emission Norms	E1
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Calibration	100% with Precision Calibration Technology
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IS 710



CM/L - 6700097613

A PROMISE OF
GENUINE PLY



SCAN TO VERIFY
YOUR PLYWOOD'S
AUTHENTICITY.



MR+, the pinnacle of moisture-resistant plywood solutions.

Crafted from premium tropical wood with a robust 0.30mm face veneer, MR+ guarantees unmatched strength and durability. Designed to withstand moisture, it's perfect for environments with high humidity levels.

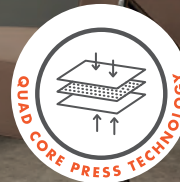
Our commitment to environmental safety is evident in MR+'s manufacturing process, meeting stringent emission standards and utilizing E1-certified resin for bonding. This ensures not just a durable product but also a safe and eco-friendly one.

With a 15-year warranty, MR+ stands as a testament to longevity and reliability in plywood.

APPLICATIONS

- High-end Packaging - Wardrobes
- TV Table Units - Partitions and Panelling
- Cabins - Tables - Sofas and Chairs
- Beds and more





ALSO AVAILABLE IN
BLOCKBOARD





Thickness in mm	Number of Plies
4mm	5
6mm	5
8mm	7
12mm	9
16mm	11
18mm	13
25mm	17
Impact Resistance	High strength & dimensional stability
100% Composed Veneer	Machine composed core
Quad-Core Press	Yes
Veneer Treatment	Each veneer is preservative treated with Vacuum Pressure Technology
Density approx. in kg per CBM	650

TECHNICAL SPECIFICATION

Static Bending Strength (N/mm²)

Modulus of Rupture (MOR):

Along the grain ≥ 55

Across the grain ≥ 35

Modulus of Elasticity (MOE):

Along the grain ≥ 7500

Across the grain ≥ 4400

Screw Holding Strength (kg) ≥ 220

Nail Holding Strength (kg) ≥ 100

Adhesives of Plies

Glue Shear Strength (N) ≥ 1480

Visual Inspection Excellent

Moisture Content (%) 8 -12

Water Absorption (%) ≤ 5

Adhesive Amino adhesive

Emission Norms E1

Calibration 100% with Precision Calibration Technology

IS 303



CM/L - 6700097617

A PROMISE OF
GENUINE PLY



SCAN TO VERIFY
YOUR PLYWOOD'S
AUTHENTICITY.



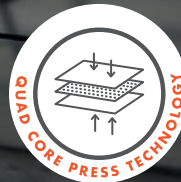
Introducing Fire Guardian - the ultimate choice of plywood with robust fire-retardant properties, perfect for domestic and commercial settings prioritizing fire safety. Engineered with exceptional fire-retardant characteristics, Fire Guardian ensures utmost safety in critical areas. This unique feature provides an additional layer of security and assurance, guaranteeing peace of mind for both residential and commercial users.

Crafted with meticulous attention to detail, Fire Guardian Plywood meets stringent quality standards, reinforced by a 30-year warranty. This warranty not only defines the product's durability but also attests to its long-lasting performance. Choose Fire Guardian Plywood for reliable fire protection and enduring quality that stands the test of time.

APPLICATIONS

- Kitchen Cabinets - Furniture
- Ceilings and Roofs - Schools and Hospitals
- Multiplexes and in Exhibition Stalls
- Office Woodwork - Railway Coaches
- Vehicle Bodies









FIRE GUARDIAN

Thickness in mm	Number of Plies
4mm	5
6mm	5
9mm	7
12mm	9
16mm	11
19mm	13
25mm	17

Fire Retardant	Yes, as per IS 5509:2021
Veneer Treatment	Each veneer is preservative treated with Vacuum Pressure Technology
Density approx. in kg per CBM	725
Impact Resistance	High strength & dimensional stability
Screw Holding Strength (kg)	≥250
Nail Holding Strength (kg)	≥105
Quad-Core Press	Yes

IS 5509



CM/L - 6700097618

A PROMISE OF
GENUINE PLY



SCAN TO VERIFY
YOUR PLYWOOD'S
AUTHENTICITY.

TECHNICAL SPECIFICATION

Adhesives of Plies

Glue Shear Strength (N) ≥1620

Visual Inspection Excellent

100% Composed Veneer All layers are pre-composed in an automatic state-of-the-art machine

Moisture Content (%) 8 - 12

Water Absorption (%) <5

Static Bending Strength (N/mm²)

Modulus of Rupture (MOR):

Along the grain ≥55

Across the grain ≥40

Modulus of Elasticity (MOE):

Along the grain ≥8000

Across the grain ≥4800

Adhesive Phenolic adhesive

Emission Norms E1

Calibration 100% with Precision Calibration Technology

A Product Of



Greenlam
Industries Limited



“Planet is the only home,
there is no planet B.”

-Stephen Hawking



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