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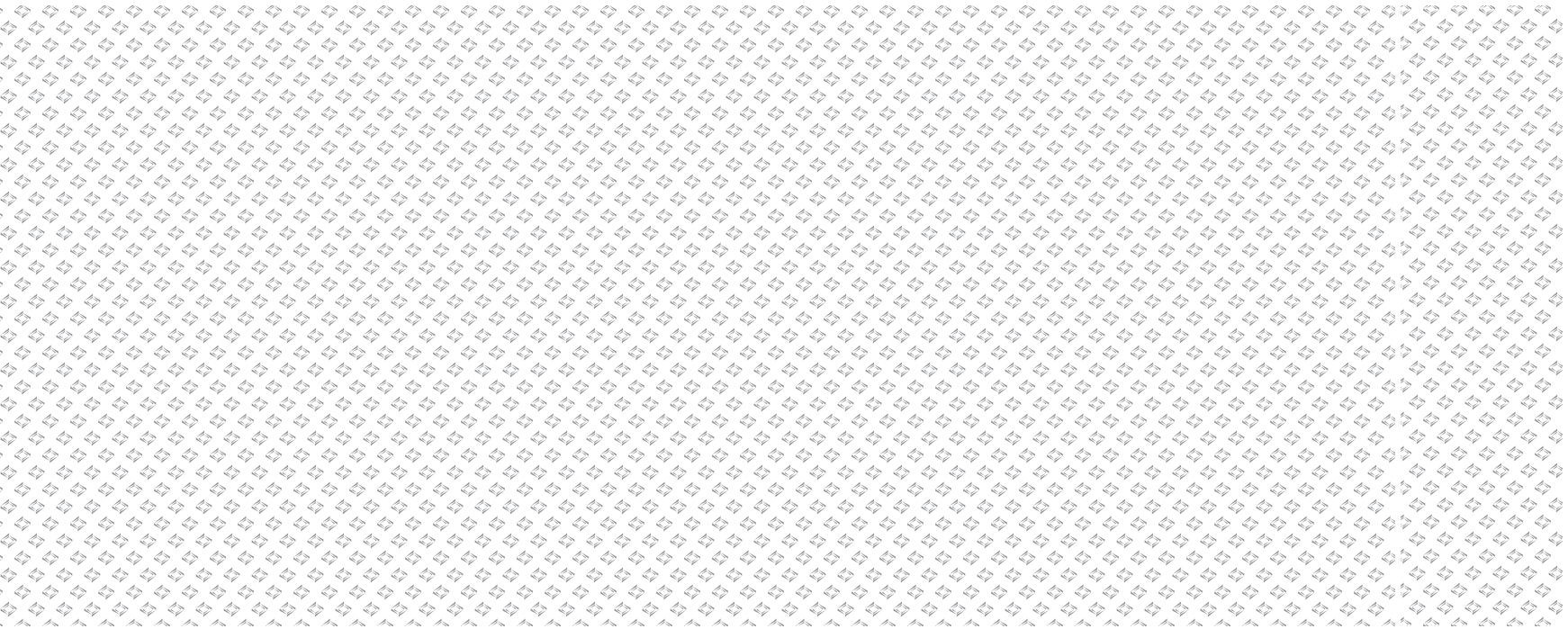
REGD. OFFICE & FACTORY

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**TOUGH
BY NATURE**





BEFORE WE THINK OF PRODUCTS, WE THINK OF THE PLANET. **AND YOU, OF COURSE.**

Change is inevitable. But, change is not accepting 'good-enough' as a quality standard. Change is investing in innovation and technology. Change is thinking of people and the planet before thinking of products. Which is why we use the safer E1 grade low-emission resin as per global standards- the first of its kind in India.

For UNIPLY, changes have always been on the positive side and our company has been building on its strengths to maintain its product superiority on an on-going basis and consistently.

We believe, innovation is a part of our DNA, and we earnestly work towards ensuring that every single product that comes out of our factory reflects our corporate aphorism – 'beat the best'. Hence, the brand Uniply enjoys an enviable reputation, built over decades of efficient operations.

As a matter of routine, we fine-tune our operational efficiency, corporate governance, financial prudence, business acumen, vision, strategies and implementation, facilitated by our experienced and market-focussed professional team with keenness to stay on top and make Uniply grow horizontally and vertically.

We care for mother nature. Our processes are truly environment-friendly and our new range of products are very much in line with global standards - first of its kind in India.

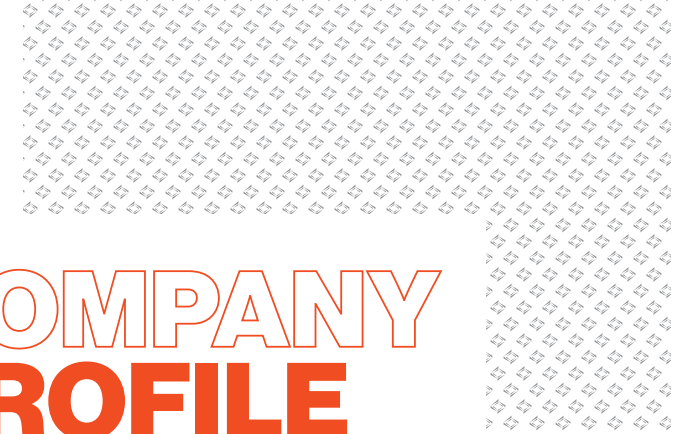
We will soon be making a strong presence in overseas markets with our new range of products. In short, we at Uniply understand that innovation, developing superior technology and growth are the key pillars of the brand and we strive to build on them, regarding our customers as the sole and very purpose of our existence.



KESHAV KANTAMNANI

Chairman and Managing Director
Uniply Industries Ltd

UNIPLY



COMPANY PROFILE

Continuous innovation, responsible use of natural resources, enduring commitment to quality - at every stage, and, of course, its best-in-class product range is all what sets apart Uniply in the consumer mind space today.

Founded by a group of experts from the plywood industry in the year 1996 with a belief that it could offer consumers the best quality plywood, panel products and auxiliaries, Uniply has marched on towards greater success. The brand name is now synonymous with quality and reliability.

Today, Uniply has over 500 dealers throughout the country in its wide spread network. The brand is recognised and used in numerous high-end projects, and commands excellent top-of-the-mind recall.

Its close association with world-renowned manufacturers, architects, interior designers and builders, has brought to the table a remarkable value. Their feedback on a continuous basis has helped it keep a finger on the pulse of consumer needs. This has indeed led to the launch of new and innovative products in line with the consumer expectations.

These practices, in addition to the use of innovative technologies and modern processes, have transformed the company as a metaphor of trustworthiness in the eyes of customers, employees, suppliers and stock holders.

From humble beginnings, Uniply is today a force to reckon with in the plywood and panel business. Our products have crossed Indian boundaries to make a mark in the foreign markets.

UNIPLY PLATINUM ATS-Z PLUS

ATS PLYWOOD

Termites are a perennial concern for anyone opting for plywood. Thanks to cutting edge research, Uniply has evolved an ideal solution with 'Platinum ATS-Z Plus' plywood. It is an innovative, non-toxic, industry leading product that comes with an ATS (Anti Termite Solution) protection that has proven to offer superior defence against termites thus making it damage free.

TECHNICAL SPECIFICATION

Properties	Specified IS 710:2010
Adhesive for Bonding	E1 Grade Un- extended BWP Phenol formaldehyde Synthetic Resin as per Global Standards
Preservative Treatment	As per IS 5539:1969
Glue Shear Strength	Excellent
GSS Dry State	Above 1350 N avg Above 1100 N Min Individual Avg
GSS Wet State	Above 1000 N avg Above 800 N Min Individual Avg
Mechanical Data	Excellent
Screw Holding Strength (Kg)	>250
Specific Gravity	Above 750 kg/m ³
Nail Holding Strength(Kg)	>60
Modulus of Rupture	Above 400 Kgs/cm ³
Tensile Strength	Excellent
Parallel to grain direction	Above 425 KN/m ²
Perpendicular to grain direction	Above 250 KN/m ²
Sum in both direction	Above 850 KN/m ²

Water Resistant Test

Stands more than 72 hours of continuous boiling

Exceeds all the specified values of IS 710:2010

UNIQUE FEATURES

- 1) Boiling water and termite proof*
- 2) Made up of non toxic compounds
- 3) Three stage preservative treated
- 4) Bend resistant :Balanced construction ensures dimensional stability which prevents warpage and builds strength
- 5) Made out of 100% imported special tropical hardwood
- 6) Pre-pressed
- 7) Pressure treated for stiffness, lesser chance of sagging
- 8) Money back guarantee
- 9) Life time guarantee*300%

APPLICATIONS

An elite class product which can be used to make furniture for personal and commercial spaces, hotel suites, auditoriums, dining halls, and also for partitions and panellings



UNIPLY



UNIPLY GOLD CLUB

MARINE PLYWOOD

This plywood is perfect to construct boats, kayaks, etc. Uniply's Gold Club Marine Plywood is high quality tropical hardwood bonded with un-extended BWP type phenolic resin using superior technology. The outstanding feature of this plywood is its ability to withstand drying and wetting, making it an ideal choice for boats, roofing and other outdoor applications where it's exposed to water for a prolonged period.

TECHNICAL SPECIFICATION

Properties	Specified IS 710:2010
Adhesive for Bonding	E1 Grade Phenol formaldehyde
Preservative Treatment	Synthetic Resin as per Global Standards. As per IS 5539:1969
Glue Shear Strength	Excellent 1100 N Min Individual Avg
GSS Wet State	1000 N avg 800 N Min Individual Avg
Mechanical Data	Excellent
Screw Holding Strength (Kg)	upto 250
Specific Gravity	750 kg/m ³
Nail Holding Strength(Kg)	60
Modulus of Rupture	400 Kgs/cm ²
Tensile Strength	Excellent
Parallel to grain direction	Upto 425 KN/m ²
Perpendicular to grain direction	Upto 250 KN/m ²
Sum in both direction	Upto 850 KN/m ²

Water Resistant Test

Stands more than 72 hours of continuous boiling

Conforms to IS 710:2010

UNIQUE FEATURES

- 1) Boiling water proof and termite proof**
- 2) Bend resistant :Balanced construction ensures dimensional stability which prevents warpage and builds strength
- 3) Made from high quality treated hardwood veneers
- 4) Pre-pressed
- 5) Pressure treated for stiffness, lesser chances of sagging
- 7) Withstands all climatic conditions
- 6) Life time guarantee*100%

APPLICATIONS

A high end product which can be utilised in the constructions of kayaks, boats, heat exchangers, sign boards, marine and river craft, public hoardings, roofing and other severely exposed outdoor structures.



GOLD

BWR

UNIPLY BWR

BOILING WATER RESISTANT

Is your kitchen cabinetry falling apart due to constant exposure to moisture? Then opting for Uniply's BWR plywood will be your best decision. It is chemically treated, made of high quality tropical hardwood, comes with a long panel and phenolic glue core veneers. Each veneer is treated with preservatives prior to pressing ensuring uniform distribution of moisture and adhesive. So now instead of worrying, you can enjoy cooking your favourite dishes.

TECHNICAL SPECIFICATION

Properties	Specified IS 303:1989
Adhesive for Bonding	E1 Grade Phenol formaldehyde as per Global Standards
Preservative Treatment	As per IS 5539:1969
Specific Gravity	750 kg/m ³
GSS Dry State	1350 N avg 1100 N Min Individual Avg
GSS Wet State	1000 N avg 800 N Min Individual Avg

Water Resistant Test

Stands upto three cycles, each cycle consisting of 8 h boiling In water and thereafter drying at 65 ± 2°C for 16h

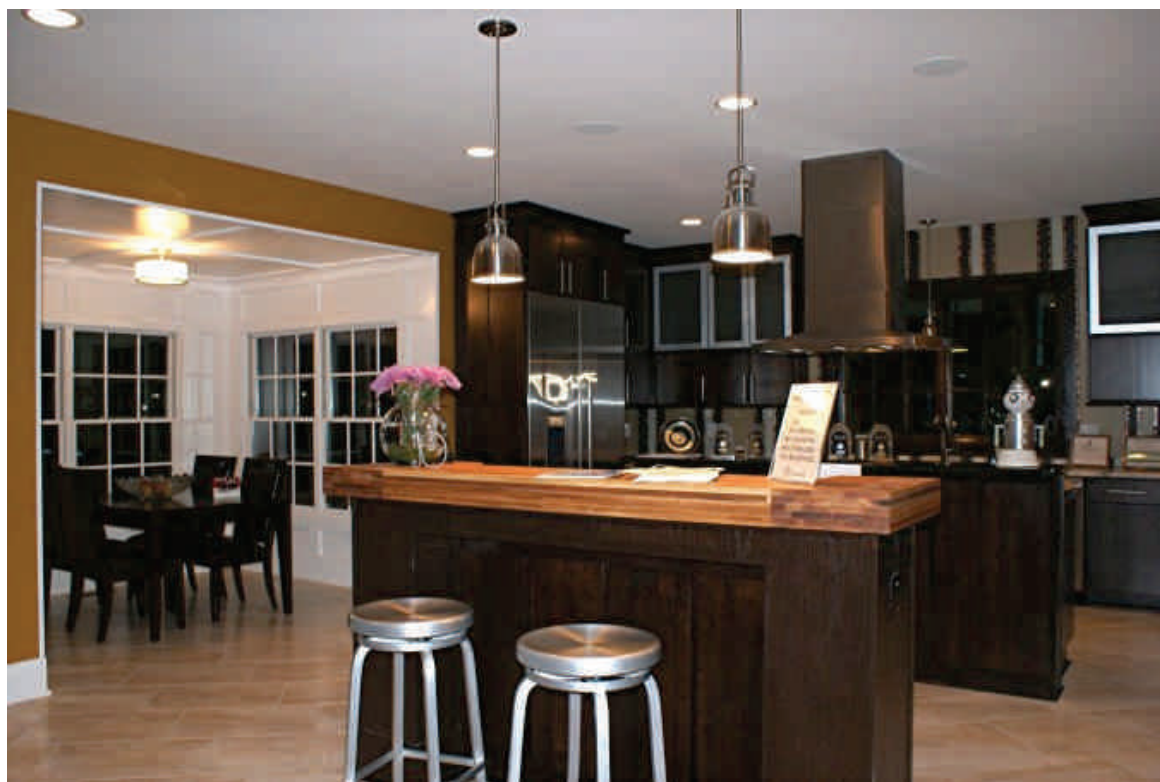
Conforms to IS 303:1989 | But made as per IS 710:2010 specification |

UNIQUE FEATURES

- 1) Boiling Water Resistant
- 2) Tough Bonding: Superior Phenolic resin is used for super bonding
- 3) Pre-pressed
- 4) Resistant to termites and powdering
- 5) Made from high quality tropical hardwood
- 6) Can be used for making indoor as well as outdoor furniture

APPLICATIONS

This category of plywood is most suitable for partition and panelling, panel insert in doors, false ceiling, lawn chairs, garden tables and chairs, cavity flooring, cupboard shelving and also as kitchen cabinets





UNIPLY (HMR)

HIGH MOISTURE RESISTANT

If factors such as rain and high humidity are causing havoc on your wood then Uniply's High Moisture Resistant plywood would be a sensible choice. It is made of specially selected hardwood from the densest tropical forests creating exotic hardwood veneers. It has higher density compared with other plywood thereby reducing water absorption immensely. We make sure it helps prevent headaches that arise from warping, swelling and delamination.

TECHNICAL SPECIFICATION

Properties	Specified IS 303:1989
Adhesive for Bonding	E1 Grade extra strong MUF Resin
Preservative Treatment	Protection to every layer with glue
GSS Dry State	1000 N avg 800 N Min Individual Avg
GSS Wet State	800 N avg 650 N Min Individual Avg

Water Resistance Test

Stands upto three cycles: each cycle consisting of 3 h at $60 \pm 2^\circ\text{C}$ water and there after drying at $65 \pm 2^\circ\text{C}$ for 8h

Conforms to IS 303:1989

UNIQUE FEATURES

- 1) High Moisture Resistant
- 2) Resistant to termites and powdering problems
- 3) Pre Pressed
- 4) Bonded with extra strong MUF resin for high moisture resistant
- 5) Chemically treated to withstand tough climatic conditions

APPLICATIONS

The product can be utilized to create household furniture, panelling, wardrobes and for various forms of interior decorations



HMR

UNIPLY FIRE RETARDANT

HIGH MOISTURE RESISTANT

This kind of plywood makes eminent sense in places such as theatres and malls where fire risk needs to be reduced. The hardwood panels have undergone vacuum-cum-pressure impregnation which creates a protective layer in case of a fire. However, being fire retardant is not the only unique property, it also resists wood destroying elements like fungi, termites and borers.

TECHNICAL SPECIFICATION

Properties	Specified IS 5509:2000
Adhesive for Bonding	E1 Grade Phenol formaldehyde Synthetic Resin as per Global Standards
Special Raw Material Treatment	Ammonium phosphates/ Ammonium sulphates/Boron Compounds/ Combination of ammonium phosphates and boron compounds/Combination of ammonium sulphate and ammonium phosphates
Preservative Treatment	As per IS 5539:1969
GSS Dry State	1350 N avg 1100 N Min Individual Avg
GSS Wet State	1000 N avg 800 N Min Individual Avg
Flammability	>30 mints
Flame Penetration	> 15 mints for every 6mm thickness
Rate of Burning	time taken for wt. loss 30% to 70% is >20 mints

Water Resistant Test

Stands upto three cycles, each cycle consisting of 8 h borhng In water and thereafter drying at 65 ± 2°C for 16h

Conforms to IS 5509:2000

UNIQUE FEATURES

- 1) High Moisture Resistant
- 2) Resistant to ignition, spread and permeability of fire: unlike common ply, Uniply Fire Retardant creates a barrier against fire, due to its slower fire penetrating rate
- 3) Treated with fire resistant chemicals at veenering
- 4) Equipped against the risk of unchecked spread of fire
- 5) Fungi, insect and borer resistant

APPLICATIONS

Uniply's Fire Retardant is the perfect ply to be used for the construction of vehicle bodies, ceilings of rail coaches, ship interiors, hospitals, auditoriums. Besides these prime categories fire retardant can also be used for partition and panelling, office interiors, hotel interiors, residential interiors, shops and commercial establishments.

THICKNESS

12 16 19 mm



FIRE

KIBBLE

UNIPLY FLEXIBLE



If you're a designer looking to create revolutionary pieces of furniture, then Uniply's flexibly should be an ideal pick. The flexible nature is due to its layers of thin plies which makes it easy to bend into various curved shapes quite easily. It is composed of tropical hardwood veneers and bonded with phenolic glue. Also, you can be sure that its shape will be retained even after it's glued, laminated or veneered.

TECHNICAL SPECIFICATION

Composition	Tropical wood, hot pressed with synthetic resin
Density	700kg/m ³ (approx)
Bending Radii	For 1.5mm thickness, 6" For 4mm thickness, 6" For 6mm thickness, 9" For 7.5mm thickness, 16" For 10.5mm thickness, 24"
Elasticity	Cross grain 210 N/mm ² Along the grain 6300 N/mm ²

Conforms to the agreement between buyer and seller

UNIQUE FEATURES

- 1) Bonded with phenolic glue
- 2) Can be used for various shapes without cracking or losing shape
- 3) Retains strength in any shape
- 4) Saves time and labour to create a structure
- 5) Self supporting structure removes the necessity to create structural skeletons or support base
- 6) Complicated, multi rounded structures can be created faster

APPLICATIONS

Due to its special flexibility potential, the ply can be used to construct furniture with rounded corners, interior Décor and imaginative installations

SIZE

2440mm X 1220mm and all other sizes against order

THICKNESS

1.5 4 6 7.5 10.5 mm





UNIDOOR

BOILING WATER PROOF

Aesthetically appealing and sturdy, Unidoor is a fusion of form and function. It has an all-around frame, filled with kiln dried seasoned tropical hardwood as filler. A product, that not only saves time but gives a well-finished look to your interiors.

TECHNICAL SPECIFICATIONS

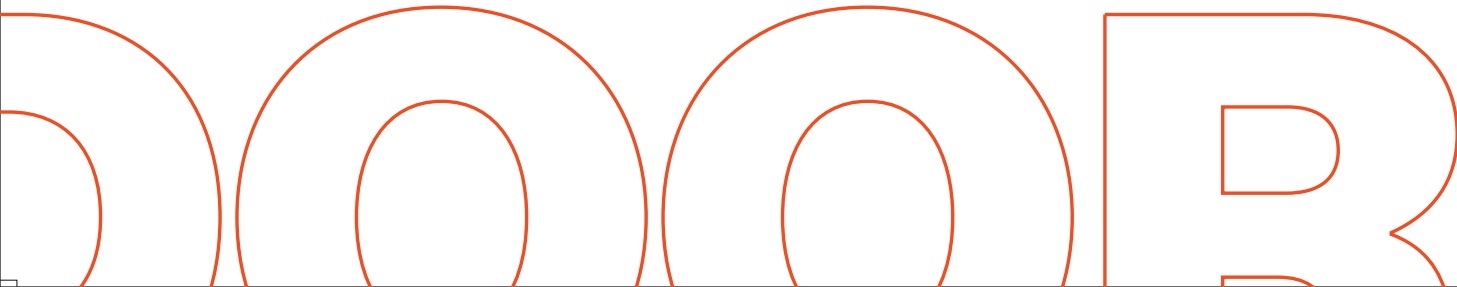
Properties	Specified as per IS 2202 (part 1) 1999
Adhesive for Bonding	E1 Grade phenolic glue as per Global standards
Preservative Treatment	As per IS 5539: 1969 Ply adhesions as per 9.2.3 annexure G of BIS 1659 - 1990
Mycological test	As per 9.2.4 Annexure G of BIS 1659 - 1990
Specific Gravity	700-750 Kg /cm ³
Water Resistance Test	
Stands soaking at 100°C for 72 hours	
Conforms to IS : 2202 (part 1) 1999	

SPECIFICATIONS

- High moisture resistant
- Termite and borer proof
- Available with both sides commercial, one side decorative or both sides decorative veneers
- Superior stability and durability

APPLICATIONS

Amongst several other uses, this product can be efficiently welded to construct residential doors, doors at commercial spaces, nursing homes, classroom benches, auditoriums, and doors at hotel suites.



ECOMATE BWR

BOILING WATER RESISTANT

Finally, an eco-conscious solution to using wood without harming the planet. Uniply's Ecomate BWR plywood is made from plantation timber acquired through social forestry, which implies that it will be replenished within 10 years. Apart from being eco-friendly, it is also boiling water resistant (BWR) and has been treated for termite and powdering problems.

TECHNICAL SPECIFICATION

Properties	Specified as per IS 303:1989
Adhesive for Bonding	Phenolic glue as per CARB specification
Preservative Treatment	Every layer protected with glue line protective chemicals
Specific Gravity	650 to 700kg/m ³

Water Resistance Test

Stands up to three cycles, each consisting of 8 hour boiling in water and there after drying at 65+ 2 °C for 16h

Conforms to IS 303 : 1989



UNIQUE FEATURES

- 1) Boiling water resistant
- 2) Pre-pressed
- 3) Resistant to termites and borers
- 4) Preservative treated and bonded with phenolic glue
- 5) Made from environmentally sustainable renewable wood

APPLICATIONS

This product is not only environmental friendly but also resistant to the extreme conditions of water heat, thus making it perfect for kitchen furniture, bathroom shelves, garden furniture etc.



ECO



MIR



ECOMATE MR

MOISTURE RESISTANT

Ecomate MR, is a fitting choice for interior designers and architects who are keen on protecting the environment. The veneers are dried after soaking in eco-friendly inhouse formulated biodegradable organic compounds, to get maximum retention without affecting the wood. It is best suited for indoor applications, where the plywood is exposed to moderate levels of moisture.

TECHNICAL SPECIFICATION

Properties	Specified as per IS 303:1989
Adhesive for Bonding	Low emission glue as CARB specification
Preservative Treatment	Every layer protected with glue line protective chemicals
Specific Gravity	650 kg/m ³

Water Resistance Test

Stands 3 hours soaking at 60 °C

Conforms to IS : 303-1989



UNIQUE FEATURES

- 1) Moisture resistant
- 2) Preservative treated and bonded with low emission adhesives
- 3) Made from environmentally sustainable renewable wood
- 4) Pre-pressed

APPLICATIONS

Ecomate can be best used for products installed outdoors, especially in areas susceptible to water. Few examples are park benches, outdoor foyer furniture, furniture near lakes or beaches, outdoor verandah ceilings etc.



This brochure features some of our flagship products.

* ATS plywood should be used exclusively and not mixed with other type/brand of plywood

** The soil should be treated before installation and Gold club ply to be used exclusively and not mixed with other type/brand