



Honestly **built PLY**

Made in
**FULLY AUTOMATED
PLYWOOD PLANT**



P R O D U C T P R O F I L E

A panda wearing a black suit and white shirt is hugging a large tree trunk in a forest. The panda's eyes are closed, and it has a peaceful expression. The background is a soft-focus forest with many trees.

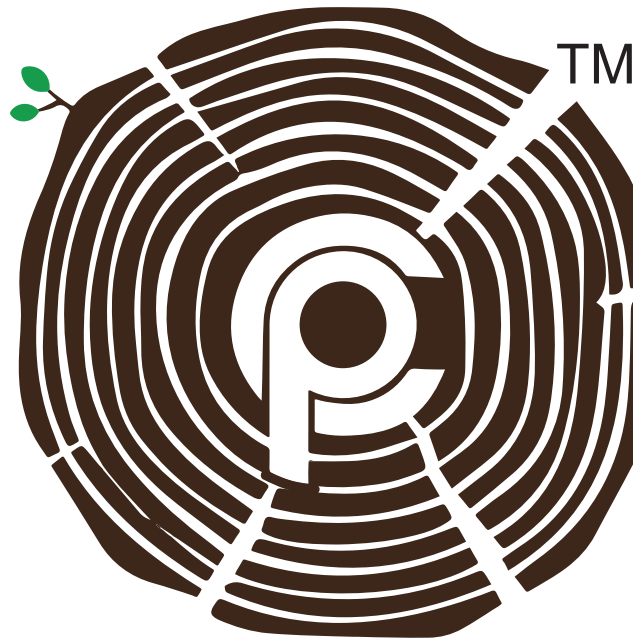
Who we are?

CP has been one of the most appreciated and trusted names for offering plywood and related products for decades. We took our first steps in the trade in 1987 as a plywood trading concern. The journey started with small and consistent steps and soon we became one of the first importers of decorative plywood and fancy veneers in India. With this started our contagious love affair with veneers which has now inspired the second generation of the CP family.

We commenced with our own manufacturing plant by the name of "Ganpati Wood Products" in 1998 and since then we have been serving our clients amidst all the industries. With our dedicated team work, in the year 2003, another recognition was added to our list of achievements and we became an ISO 9001: 2000 certified company.

Quality and Innovation is the foundation of CP Plywood's exponential success. We strive to ensure that our love for wood is reflected in each and every veneered panel that we manufacture. Our dedicated team believes that every log has a story to tell and works meticulously to narrate that story through our products.

Our endeavour is to be the most valued and trusted supplier for our clients. We work with the novel and versatile ideas and take care of each of our every client's interests personally and professionally. From our team to our veneers, clients foresee – and receive – the very best in terms of fine products, value, and friendly services.



MEET WITH CP PANDA

As the face of CP Ply the Panda represents the true personality of CP Ply – calm, dependable, and incredibly strong from within. While a panda appears soft and friendly on the outside, it is naturally powerful, resilient, and trustworthy – just like CP Ply.

CP Ply is manufactured in India's first fully automatic plywood plant using 100% 8×4 feet core and panel, ensuring superior strength with no core gaps. The Panda perfectly symbolizes this hidden strength and reliability.

***Calm Outside. Strong Inside.
That is the spirit of both the Panda and CP Ply.***



INNOVATION SINCE 1987

Since 1987, CP Ply has been driven by one vision — to build products with honesty, strength, and consistency. What began as a commitment to quality has evolved into a modern manufacturing journey powered by innovation and trust.

The firm took its first steps into plywood trading



1987

The Firm began importing fancy plywood & Decorative veneers mainly from Europe, Malaysia, Thailand & China.



1996

The Firm started its own manufacturing plant by the name of 'Ganpati Wood Products'.



1998

2009



Launch of the 3D Series

2011



The firm took a revolutionary step in the Indian Veneer Industry by introducing Laser Technology for the first time.

Highly customized veneer panels are now produced with this technology making our products extremely differentiated.

2012



Set Up Fuming (smoking) Chambers and joined the League of Smoke, Exotic and Mix Match Veneer Producers.

Over the decades, CP Ply has continuously upgraded its technology, setting new benchmarks in the plywood industry.

The Firm received ISO 9001: 2000 Certificate & was awarded ISI Certificate for the whole range of products.



2003

The Firm started producing exclusive designer door skins.



2004

Launching of the unique & innovative CP Duartz collection consisting of designer Door Skins and Wardrobe Skins.



2007

2014



Will start producing textured (engraved) Veneers.
Focus on Continuous product development and product differentiation leading to Innovative designs and a greater customer base.

2022



Set Up of complete manufacturing process from wooden logs to Veneer which consist of Saw Mill Machine, Log Baking Tanks & Slicer Machines.

2026



Launch of CP PLY

WHY TRUST US?



From homes to commercial spaces, every sheet of CP Ply reflects decades of experience, reliability, and craftsmanship.

10 Points

Manufactured in India's fully automatic plywood manufacturing plant.

Made with WBRT (Weather Block Resin Technology)

Made using India's first NFIT (Nano Fibrous Infusion Technology)

Made using 100% 8×4 feet core panel.

No core gaps for superior strength and durability.

High load-bearing capacity for long-lasting performance.

100% treated against termites, borers, and fungal attacks.

Smooth surface finish ideal for laminates and veneers.

Precision manufacturing ensures consistent quality in every sheet.

Resistant to warping and bending in changing weather conditions.

Honestly built PLY

Our advanced **WBRT – Weather Block Resin Technology** enhances the plywood's resistance against **moisture, humidity, and changing weather** conditions while ensuring **better dimensional stability** and durability over time.

Powered by **NFIT – Nano Fibrous Infusion Technology**, CP Ply achieves deeper **bonding strength** and **improved internal structure**, resulting in enhanced **toughness, superior load-bearing capacity**, and long-term reliability.

Combined with precision manufacturing at India's fully automatic plywood plant, these breakthrough technologies make CP Ply stronger from the inside and dependable in every condition.



INDIA'S FIRST COMPANY



Manufacturing
all plywood range with E0-Grade Resin



*NO FORMALDEHYDE
EMISSION

Powered with



ELITE CLUB

STRUCTURAL + BWP + FR GRADE

IS:10701 + IS:710 + IS:5509

Superior density of 800 kg/m³ or higher

HPPT (High Pre- Pressed Technology)

4-Press Tech • MOE & MOR • Ultimate Calibration,

NFIT (Nano Fibrous Infusion Technology)

WBRT (Weather Block Resin Technology)

Flame Spread Index Class-A

FSI Less Than 25% & SDI Less 450

VPT (Vacuum Pressure Treatment)

High Density 800 kg/m³

Actively Breaks Down VOCs (Volatile Organic Compound)



CONSTRUCTION
100% PREMIUM HARDWOOD

FACE VENEER
0.5 MM + LUXURY FACE
WITH MIRROR FINISHING

EMISSION LEVEL
E0 (ZERO EMISSION)





MARINA MAX SHIELD

BWP GRADE + FR GRADE

IS:5509 + IS:710

4-Press Technology

72-Hour Boiling Water Proof

Both-Side Calibration

NFIT (Nano Fibrous Infusion Technology)

WBRT (Weather Block Resin Technology)

Flame Spread Index Class-A

FSI Less Than >25% & SDI Less 450

VPT (Vacuum Pressure Treatment)

Supreme Safety Matrix

Actively Breaks Down VOCs (Volatile Organic Compound)

CONSTRUCTION

100% PREMIUM HARDWOOD

FACE VENEER

THICK GURJAN FACE

EMISSION LEVEL

E 1/2 GRADE





MARINA MAX FS

(BWP+FR) BOILING WATER PROOF, FIRE RETARDANT GRADE

IS:710

4-Press Technology

72 Hours Boiling Water Proof

Both Side Calibration,

NFIT (Nano Fibrous Infusion Technology)

WBRT (Weather Block Resin Technology)

Actively Break Down +VOC (Volatile Organic Compound)

VPT (Vacuum Pressure Treatment)



CONSTRUCTION

100% HARDWOOD

FACE VENEER

GURJAN FACE VENEER

EMISSION LEVEL

E0 GRADE





MARINA MAX BIRCH

BWP (BOILING WATER PROOF)

IS:5509 + IS:710

4-Press Technology

72 Hours Boiling Water Proof

Both Side Calibration,

NFIT (Nano Fibrous Infusion Technology)

WBRT (Weather Block Resin Technology)

Top Grade Nail Holding capacity

Supreme Mirror Finish



CONSTRUCTION

IMPORTED
HARDWOOD / EUCALYPTUS

FACE VENEER

BOTH SIDE BIRCH FACE

EMISSION LEVEL

E0 GRADE





MARINA MAX PLATINUM

(BWP) BOILING WATER PROOF GRADE

IS:710

4-Press Technology

72 Hours Boiling Water Proof

Both Side Calibration,

NFIT (Nano Fibrous Infusion Technology)

WBRT (Weather Block Resin Technology)

Actively Break Down +VOC (Volatile Organic Compound)

VPT (Vacuum Pressure Treatment)

CONSTRUCTION

100% PREMIUM HARDWOOD

FACE VENEER

GURJAN FACE VENEER

EMISSION LEVEL

E1 GRADE



MARINA MAX PLATINUM

(BWR) BOILING WATER RESISTANT

IS:303

Glue Line Protection

Higher Density Hardwood Core

Advanced Anti -Termite Properties

Delamination Proof

High Density 700 to 750 kg/m³

Superior Nail Holding Capacity usually up to 150 kg on the face

CONSTRUCTION

100% PREMIUM HARDWOOD

FACE VENEER

GURJAN FACE VENEER

EMISSION LEVEL

E1 GRADE





MARINA MAX GOLD 710

(BWP) BOILING WATER PROOF GRADE

IS:303

Termite & Borer Proof

Fungus Free

Advanced Glue Line Protection

Core composed

4x Pressed

De-lamination Proof



CONSTRUCTION
ALTERNATE
(POPLAR / HARDWOOD)

FACE VENEER
OKOUME FACE

EMISSION LEVEL
E1 GRADE





MARINA MAX GOLD 710

(BWR) BOILING WATER RESISTANT GRADE

IS:303

Termite & Borer Proof

Fungus Free

Advanced Glue Line Protection

Core composed

4x Pressed

De-lamination Proof



CONSTRUCTION
ALTERNATE
(POPLAR / HARDWOOD)

FACE VENEER
OKOUME FACE

EMISSION LEVEL
E1 GRADE



MARINA MAX GOLD

(MR) MOISTURE RESISTANT GRADE

IS:303

Higher Density Hardwood Core

Advanced Anti-Termite Properties

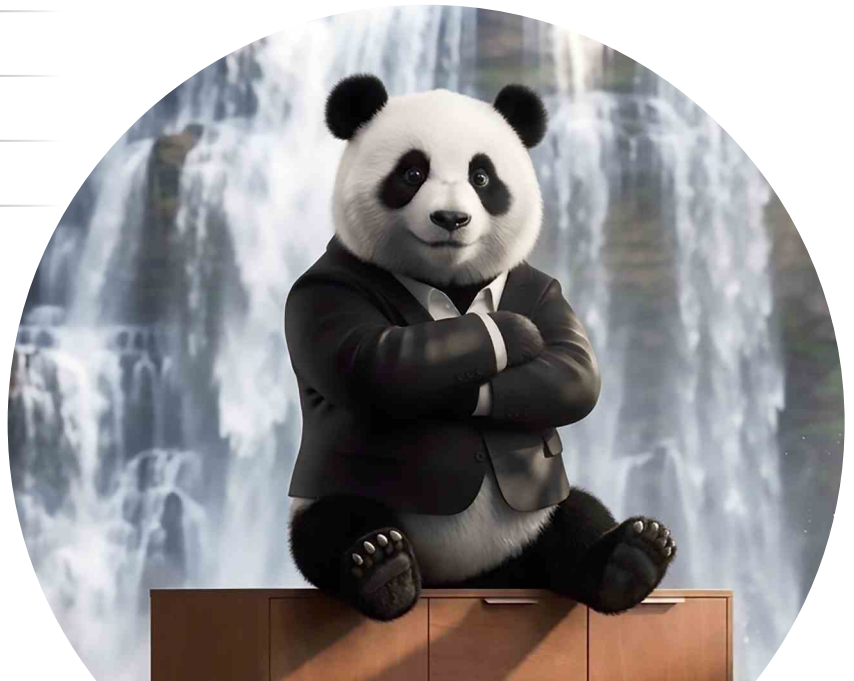
De-lamination Proof

Melamine Based Resin

Advanced Core Composition

2-Press Technology

Warping Resistance



CONSTRUCTION
ALTERNATE
(POPLAR / HARDWOOD)

FACE VENEER
OKOUME FACE

EMISSION LEVEL
E1 GRADE



CLASSIC

(BWR) BOILING WATER RESISTANT GRADE

IS:303

Advanced Borer and Termite Properties

Advanced Core Gap Control

High Bonding Strength

Resists boiling water for 8 hours

Basic Microbes Protection



CONSTRUCTION
ALTERNATE
(POPLAR / HARDWOOD)

FACE VENEER
RECON FACE

EMISSION LEVEL
E2 GRADE





CLASSIC

(MR) MOISTURE RESISTANT GRADE

IS:303

Borer and Termite Resistance

Economical Face veneer

Basic Core Gap Control

Pressed under standard Pressure

Resists Humidity & Steam

De-lamination Resistance



CONSTRUCTION
ALTERNATE
(POPLAR / HARDWOOD)

FACE VENEER
RECON FACE

EMISSION LEVEL
E2GRADE





ATTRIBUTE PLY *for* OEM

(MR) MOISTURE RESISTANT GRADE

IS:303

Both Side Calibrated

Premium Calibrated 0.2 mm

Seamless edge banding

CNC bits last 30% longer



CONSTRUCTION
ALTERNATE / HARDWOOD

FACE VENEER
RECON FACE

EMISSION LEVEL
E1GRADE





TECHNICAL SPECIFICATIONS

CP PLY

TESTS METHOD		UNITS	Requirement as per Indian Specifications (IS 10701:2012)	VALUE OBTAINED
1)	Dimensions & tolerance IS:12049-1987 (RA2001)			
	Length	mm	+6 / -0	+1 / -0
	Width	mm	+3 / -0	+1 / -0
	Thickness	%	±5% : 6mm & above	+1.5
	Square-ness	%	Max 0.20	0.08
	Edge straightness	%	Max 0.20	0.07
2)	Moisture content as per IS:1734-1983 (RA 2003) Part.1	%	5-15	10-12
3)	Glue adhesion in dry state			
	Glue shear strength as per IS:1734-1983 (RA 2003) Part4	N	Avg.1,350 Min.1,100	Avg.1,650 Min.1,485
	Adhesion of plies as per IS:1734-1983 (RA 2003) Part 5		Min. Pass	Excellent
4)	Resistance to water			
	Glue shear strength as per IS:1734-1983 (RA 2003) Part4 & 6	N	Avg. 1,000 Min.800	Avg.1,370 Min.1,285
	Adhesion of plies as per IS:1734-1983 (RA 2003) Part 5 & 6		Min. Pass	Excellent
5)	Mycological test			
	Glue shear strength as per IS:1734-1983 (RA 2003) Part4 & 7	N	Avg. 1,000 Min.800	Avg.1,340 Min.1390
	Adhesion of plies as per IS:1734-1983 (RA 2003) Part 5 & 7		Min. Pass	Excellent
6)	Static bending strength as per IS:1734-1983 (RA 2003) Part 11			
A)	Modulus of rupture	N/mm ²		
	a) Along the grain			
	i) Average		Min. 50	69.7
	ii) Min. Ind.		Min. 45	61.8
	b) Across the grain	N/mm ²		
	i) Average		Min. 30	56.1
	ii) Min. Ind.		Min. 27	53.7
B)	Modulus of elasticity			
	a) Along the grain	N/mm ²		
	i) Average		Min. 7500	9450
	ii) Min. Ind.		Min. 6700	8240
	b) Across the grain	N/mm ²		
	i) Average		Min. 4000	6500
	ii) Min. Ind.		Min. 3600	5760
7)	Wet bending strength as per IS:1734-1983 (RA 2003) Part 11			
A)	Modulus of rupture			
	a) Along the grain	N/mm ²		
	i) Average		Min. 25	39.6
	ii) Min. Ind.		Min. 22	34.0
	b) Across the grain	N/mm ²		
	i) Average		Min. 15	37.9
	ii) Min. Ind.		Min. 13	35.6
B)	Modulus of elasticity			
	a) Along the grain	N/mm ²		
	i) Average		Min. 3750	5,730
	ii) Min. Ind.		Min. 3400	4,966
	b) Across the grain	N/mm ²		
	i) Average		Min. 2000	4,512
	ii) Min. Ind.		Min. 1800	3,970
8)	Tensile Strength as per IS:1734-1983 (RA 2003) Part 9	N/mm ²		
	a) Along the grain		55	77
	b) Across the grain		35	45
9)	Compressive strength as per IS:1734-1983 (RA 2003) Part 10	N/mm ²		
	a) Along the grain		35	47.5
	b) Across the grain		30	39.8
10)	Panel shear strength as per IS:1734-1983 (RA 2003) Part 13	N/mm ²	12.5	14.66
11)	Modulus of rigidity	N/mm ²	588	607
12)	Rolling shear strength as per IS:1734-1983 (RA 2003) Part 14	N/mm ²	3	3.87
13)	Retention of preservatives as per IS 2753 (Part 1) and IS 2753 (Part2)	Kg/m ³	12	15.7

MARINE TECHNICAL SPECIFICATIONS (IS:710:2010)

	Dimensions	ISI Requirements		Observed Values
1.	Length	2440 + 6 0		2442mm
2.	Width	1220 + 3 0		1222mm
3.	Thickness	19mm ± 5%		18.60mm
4.	Squareness	2mm/1000mm		0.96mm
5.	Edge straightness	2mm/1000mm		0.52mm
	Physical properties			
6.	Density	0.65		0.651
7.	Moisture contents	5 – 15%		7.35%
8.	Adhesion of plies (in dry state)	Some adherent fibre distributed more or less uniformly		Satisfactory
9.	Adhesion of plies (in wet state)	do		Satisfactory
10.	Glue shear strength (in dry state)	Avg. – 1350N Ind. – 1100N		1425N 1188N
11.	Glue shear strength (in wet state)	Avg. – 1000N Ind. – 800N		1272N 930N
12.	Tensile strength	Along the grain Across the grain TOTAL	42.0N/mm ² 25.0N/mm ² 84.5N/mm ²	60.05N/mm ² 40.20N/mm ² 100.25N/mm ²
13.	STATIC BENDING STRENGTH (DRY STATE)			
	Along the grain M.O.E.	Avg. – 7500N/mm ² Ind. – 6700N/mm ²		8510 N/mm ² 7250 N/mm ²
	Across the grain M.O.E.	Avg. – 4000N/mm ² Ind. – 3600N/mm ²		4850 N/mm ² 4105 N/mm ²
	Along the grain M.O.R.	Avg. – 50 Ind. – 45		68 N/mm ² 55 N/mm ²
	Across the grain M.O.R.	Avg. – 30 Ind. – 27		48 N/mm ² 29 N/mm ²
14.	STATIC BENDING STRENGTH (WET STATE)			
	Along the grain M.O.E.	Avg. – 3570N/mm ² Ind. – 3400N/mm ²		4520 N/mm ² 3750 N/mm ²
	Across the grain M.O.E.	Avg. – 2000N/mm ² Ind. – 1800N/mm ²		2890 N/mm ² 2230N/mm ²
	Along the grain M.O.R.	Avg. – 25 Ind. – 22		37 N/mm ² 25 N/mm ²
	Across the grain M.O.R.	Avg. – 15 Ind. – 13		21 N/mm ² 15 N/mm ²
15.	Retention of preservatives (ACC)	12kg./m ³		12.98kg./m ³
16.	Mycological Test			
	a) Show no separation sign.			Satisfactory
	b) Glue shear strength	Avg. – 1000N Ind. – 800N		1250 N 1010 N
	c) Adhesion of plies	Adherent fibre distributed more or less uniformly		Excellent

BWR PLYWOOD TECHNICAL SPECIFICATIONS (IS:303:2010)

	Test	ISI Requirements	Observed Values
1.	Grade	BWR, MR	BWR
2.	Moisture Content	5-15%	7%
3.	Density	0.65 to 0.70 gm/cm ³	0.70 gm/cm ³
4.	Resistance to Water (3 cycles of hr Boiling & 16 hr Drying at 65OC)- adhesion to plies	Min pass	Excellent
5	Resistance to Micro Organism- Adhesion to plies	Min Pass	Excellent
A	Modulus of Elasticity - Along the Grain - Across the Grain	Avg. Min 5000 N/mm ² Avg. Min 2500 N/mm ²	7500 N/mm ² 4000 N/mm ²
B	Modulus of Rupture - Along the Grain - Across the Grain	Avg. Min 40 N/mm ² Avg. Min 20 N/mm ²	60 N/mm ² 35 N/mm ²
6	Tensile Strength - Along the Grain - Across the Grain - Sum of Tensile Strength	Avg. Min 42.00 N/mm ² Avg. Min 25.00 N/mm ² Avg. Min 84.50 N/mm ²	52 N/mm ² 38 N/mm ² 90 N/mm ²

FIRE RETARDANT TECHNICAL SPECIFICATIONS (IS:5509:2010)

	Dimensions	BIS Requirements	Observation Values
1.	Length	2440 + 6 0	2442mm
2.	Width	1220 + 3 0	1222mm
3.	Thickness	12mm ± 5%	11.80mm
4.	Squareness	2mm/1000mm	0.95mm
5.	Edge straightness	2mm/1000mm	0.50mm
6.	Workmanship & finish	As per clause 9.1 to 9.2	Satisfactory
Physical properties			
7.	Density	0.60 – 0.65	0.64
8.	Moisture contents	5 – 20%	10.25%
9.	Water resistance test Cyclic test 8 hours – 16 hours Boiling – drying 3 Cycles	Pass standard	Excellent
10.	Mycological Test	Pass standard	Excellent
11.	Static bending strength Along the grain M.O.E. Across the grain M.O.E. Along the grain M.O.R. Across the grain M.O.R.	Avg. – 5000N/mm ² Ind. – 4500N/mm ² Avg. – 2500N/mm ² Ind. – 2200N/mm ² Avg. – 40 Ind. – 36 Avg. – 20 Ind. – 18	5850 N/mm ² 4020 N/mm ² 3480 N/mm ² 2855 N/mm ² 47.80N/mm ² 36.40N/mm ² 27.25N/mm ² 20.35N/mm ²
FIRE RETARDANT TESTS IS : 5509 : 2000			
12.	Flammability	30 Min.	35 Min.
13.	Flame penetration	30 Min.	33 Min.
14	Rate of burning	20 Min. (Wt. loss 30 to 70%)	28 Min.



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