



ROYALÉ TOUCHÉ
PERFORMANCE PLY

**Wood
That Truly
Lasts!**



ROYALÉ TOUCHÉ
PERFORMANCE PLY

Royalé Touché
is a leading manufacturer
of **Luxury Laminates,**
Plywood and
Wooden Flooring
in India since 1978.

1978

Established
1st Laminate Factory
in Surendranagar

1999

Established 2nd
Laminate Factory
in Ahmedabad

2002

Established
Modular Furniture
in Rajkot

2006

Started production of
India's first ISI marked
Adhesives (Royal Bond)

2012

Established another
Compact & Exterior
Laminate Factory
in Ahmedabad

2017

Expanded production
capacity by 35%

2018

Launched
Royale Touche
Wooden Floorings
Pan India

2020

Installed a
new press. Increased
Production by 30%

2023

Laminate
Unit production
capacity expanded
by 25%

2023

Plywood Manufacturing
Unit installed with
production capacity
of 1,25,00,000 NA/50,000 M3
in Ahmedabad



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Why Plywood!

With the exponential boom in the building industry, Royalé Touché decided to venture into another vertical that aligned with our supply chain and value proposition. At the time, we realized that the plywood market in India was extremely fragmented and saturated with organized and unorganized players.

Every single brand in the market had a plethora of ranges of plywood with varying qualities, with almost negligible customer awareness about what comprises a good quality plywood.

With the aim of providing a quality product to customers making their dream home, and educating them to make an informed decision, Royalé Touché has introduced

Royalé Touché Performance Ply
A ply that has it all.



ROYALÉ TOUCHÉ
PERFORMANCE PLY

For the
First Time
in Industry, Experience
The Plywood
Making Process



Scan
OR Click
the QR Code



ROYALE TOUCHÉ
PERFORMANCE PLY

Plywood



Engineered to
outsmart Termites & Borers,
fights Fire and is safe
for your loved ones
with E-0 Emissions—an
All-in-one Ply
in it's true sense.

Fire Retardant

Fire-retardant chemical containing nano particles, and organophosphorus chemicals used during the process, providing excellent fire-retardant properties.

FLAME PENETRATION TEST

19mm	47.5 mins
16mm	40 mins
12mm	30 mins
9mm	22.5 mins
6mm	15 mins

FLAMMABILITY TEST 30 mins

RATE OF BURNING 20 mins



BOILING WATERPROOF (BWP)

Use of 100% BWP grade, high solid Phenolic polymer ensures better bonding strength and excellent boiling waterproof properties.

BOILING WATERPROOF TEST

Royale Touche Plywood	Other Plywood
120 Hrs Boiling Waterproof	72 Hrs Boiling Waterproof

CYCLE TEST

Samples immersed in boiling water for 8 hours and then dried at 65°C for 16 hours. This process is repeated for 6 cycles.



TER-BO KILL4X

Four-stage preservative treatment against termites and borers at different stages of processing to ensure 100% protection for lifetime.

4 Stage Treatment

Stage 1	Vacuum Pressure Treatment (VPT) of Veneer
Stage 2	Preservative Treatment in Resin
Stage 3	Glue Line Poisoning (GLP)
Stage 4	Surface Treatment of Plywood



CARB Certified E0

Zero emission plywood
supported by testing and
certification from
California Air Resources Board
(CARB)

E0 Formaldehyde Emission Level

Grade	mg/L	ppm
E0	0.5	≤ 0.041





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High Screw & Nail Holding Capacity

Made from all composed full sheet veneers of select hardwood species, ensuring a robust and well-structured plywood.

SCREW HOLDING CAPACITY

> 265 Kg

NAIL HOLDING CAPACITY

> 155 Kg





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Promise of Quality

Royale Touché PROMAXX is a renowned product known for its superior quality and durability.

**IS:710
BWP**

**IS: 5509
FIRE RETARDANT**

**CARB
CERTIFIED E0**



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QUALIFICATION TESTS

GRADE

BWP Grade, Marine Grade (IS:710)

SPECIES USED

Diptocarpus spp. (Gurjan) & Selected

Hardwood Timber (Eucalyptus spp.)

FACE VENEER

Both Side Gurjan (Diptocarpus spp.)

SIZES OF PLYWOOD

2400 X 1220mm & 2140 X 1220mm

LENGTHS

Up to + 2 to 4mm of specified length

WIDTHS

Up to + 1 to 2mm of specified width

AVAILABLE THICKNESS

6mm | 9mm | 12mm | 16mm | 19mm | 25mm

THICKNESS TOLERANCE

Full Thickness (Exact thickness as specified)

FACE VENEER THICKNESS

0.30MM

CALIBRATIONS

Both Sides Calibrated

RESIN USED

BWP Grade High Solid Phenolic Polymer

EMISSION LEVEL

E0-Level Compliant

PRESERVATIVE TREATMENT

Four-stage preservative treatment

(Veneer, Resin, Adhesive & Surface Treatment)

EDGE STRAIGHTNESS

0.20%

SQUARENESS

0.20%

DENSITIES

700 TO 720 Kg/cm³

CORE GAP, OVERLAP

100% fully composed sheets
to avoid gaps & overlaps.

WATER ABSORPTION

(24 HRS) < 1 - 2 %

(48 HRS) < 2 - 3 %

SCREW HOLDING CAPACITY

> 265 Kg

NAIL HOLDING CAPACITY

> 155 Kg



ROYALÉ TOUCHÉ
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PERFORMANCE TESTS

GLUE ADHESION STRENGTH (dry state)

(Average) > 1590 N | (Individual) > 1310 N

Adhesion of Plies (Knife Test) – Excellent

BOILING WATER RESISTANCE TEST (AFTER 72 HRS BOILING)

(Wet State) Average > 1190 N | Individual > 1020 N

Adhesion Of Plies (Knife Test) – Excellent

MYCOLOGICAL TESTS

Glue Shear Strength > 1070 N

Adhesion of Plies – Excellent

RETENTION OF PRESERVATIVE CHEMICALS KG/MM³

Observed Value – 12.5 Kg/m³ (VPT Treatment)

STATIC BENDING STRENGTH

• Modulus of Rupture (Dry State)

– Along The Grain > 58 N/mm²

– Across The Grain > 49 N/mm²

• Modulus of Elasticity (dry State)

– Along The Grain > 7990 N/mm²

– Across The Grain > 6400 N/mm²

• Modulus of Rupture (wet State)

– Along The Grain > 35 N/mm²

– Across The Grain > 29 N/mm²

• Modulus of Elasticity (wet State)

– Along The Grain > 4090 N/mm²

– Across The Grain > 3360 N/mm²

TENSILE STRENGTH

– Along the Grain > 58 N/mm²

– Across the Grain > 39 N/mm²

– Sum of Tensile > 97 N/mm²



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Block-Board



With the dimensional stability of solid wood and appearance and sleekness of plywood, Royalé Touché blockboard gives you warp-free furniture that lasts a lifetime.



ROYAUME TOUCHÉ
PERFORMANCE PLY

100% Pine Timber



Pine has the ideal combination of straight grains, low density, and strength, making the blockboard lightweight and durable at the same time.

Using 100% pine ensures a balanced construction, making the blockboard warp-free.



ROYAUME TOUCHE
PERFORMANCE PLY

Dual Line Core Veneer



Dual veneer enhances the aesthetic appearance of the blockboard and improves its overall finish.

It also contributes to increased durability, making the blockboard resistant to wear and tear.



ROYALÉ TOUCHÉ

LUXURY LAMINATES

PLYWOOD

WOODEN FLOORS

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