
ROYALE TOUCHE
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

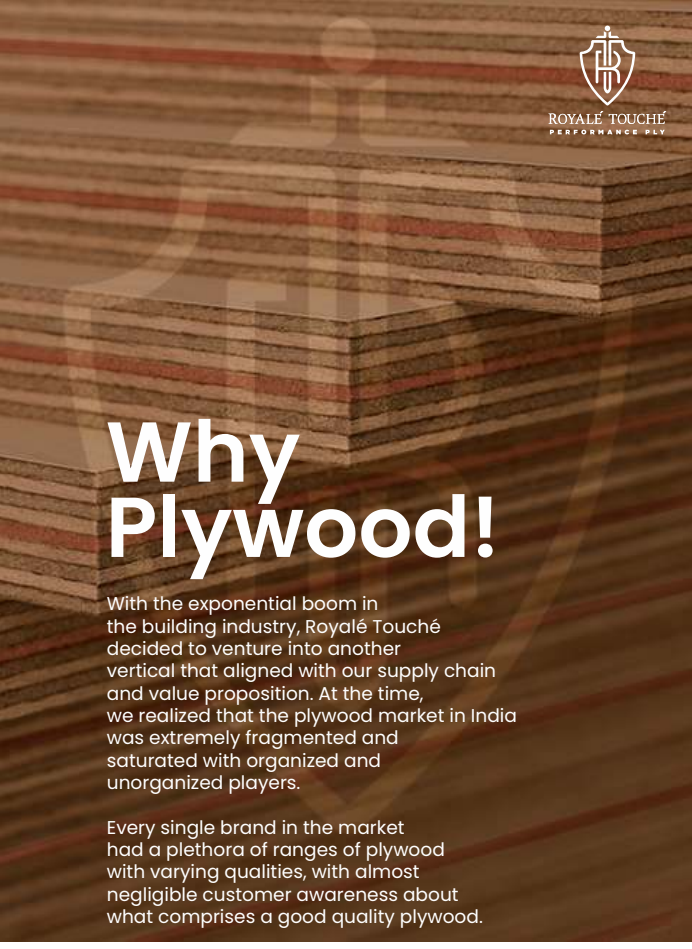
2017
Expanded production capacity by 35%

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.



Scan
OR Click
the QR Code

ROYALE TOUCHE
PERFORMANCE PLY



Plywood

PROMAX
WOOD THAT TRULY LASTS!

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.

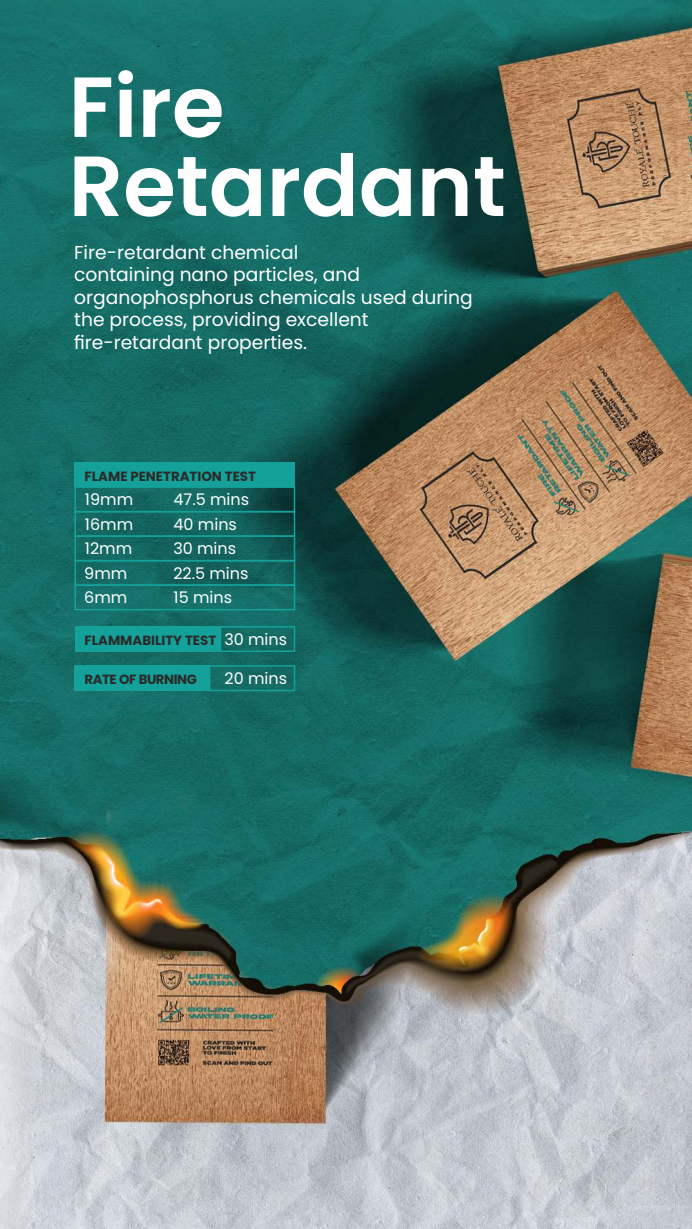
Fire Retardant

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

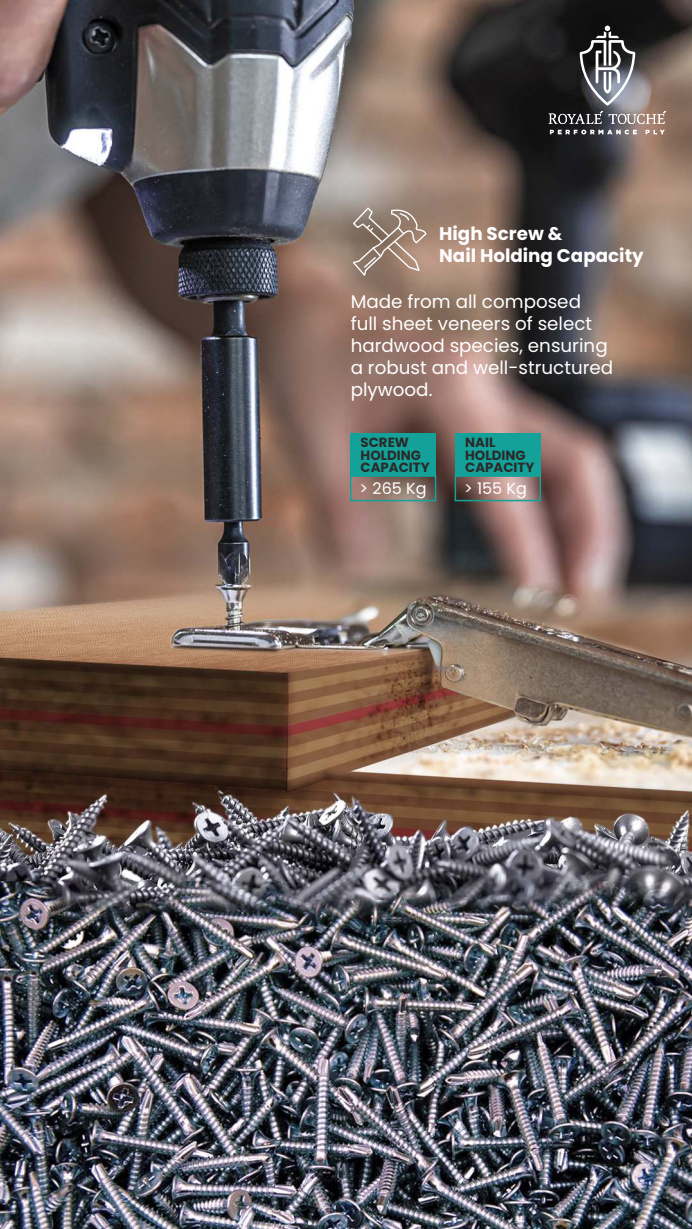


CARB Certified E0

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





ROYALE TOUCHÉ
PERFORMANCE PLY

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	NAIL HOLDING CAPACITY
> 265 Kg	> 155 Kg

ROYALÉ TOUCHÉ
PERFORMANCE PLY



Promise of Quality

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

IS:710
BWP

IS: 5509
FIRE RETARDANT

CARB
CERTIFIED E0

ROYALE TOUCHÉ
PERFORMANCE PLY

TECHNICAL SPECIFICATIONS

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



TECHNICAL SPECIFICATIONS

ROYALE TOUCHE
PERFORMANCE PLY

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)

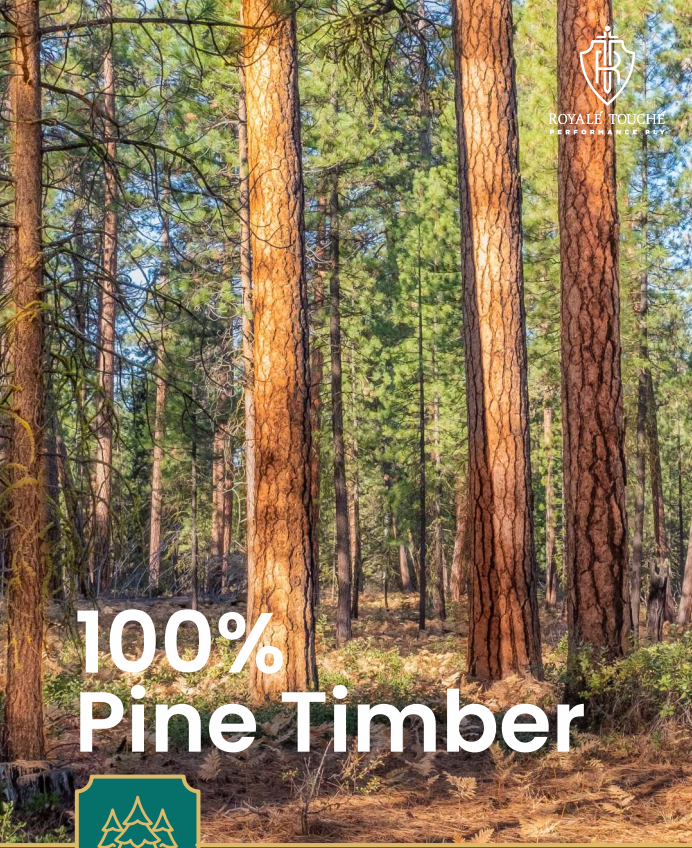
STATIC BENDING STRENGTH

- **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


ROYALÉ TOUCHÉ
PERFORMANCE PLY
Block-
Board
PROMAX
BLOCKBOARD
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.



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.

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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.

ROYALE TOUCHÉ
PERFORMANCE PLY

Promise of Quality

100% Gurjan Face

High quality Gurjan face veneer gives strength and sleek look to the blockboard.

IS: 1659



ROYALÉ TOUCHÉ

LUXURY LAMINATES

PLYWOOD

WOODEN FLOORS

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