



ROYALÉ TOUCHÉ  
PERFORMANCE PLY

**Wood  
That Truly  
Lasts!**



ROYALE TOUCHE  
PERFORMANCE PLY

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

---

**1978**

Established  
1<sup>st</sup> Laminate Factory  
in Surendranagar

**1999**

Established 2<sup>nd</sup>  
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



ROYALÉ TOUCHÉ  
PERFORMANCE PLY

# 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.*



ROYAUME 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 KILL4



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	$\leq 0.041$





ROYALÉ 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

> 265 Kg

### NAIL HOLDING CAPACITY

> 155 Kg





ROYALÉ TOUCHÉ  
PERFORMANCE PLY

# 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**



ROYALÉ TOUCHÉ  
PERFORMANCE PLY

# QUALIFICATIONS

## 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/cm<sup>3</sup>

## 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  
PERFORMANCE PLY

# 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/MM<sup>3</sup>

Observed Value – 12.5 Kg/m<sup>3</sup> (VPT Treatment)

## STATIC BENDING STRENGTH

- **Modulus of Rupture (Dry State)**
  - Along The Grain > 58 N/mm<sup>2</sup>
  - Across The Grain > 49 N/mm<sup>2</sup>
- **Modulus of Elasticity (dry State)**
  - Along The Grain > 7990 N/mm<sup>2</sup>
  - Across The Grain > 6400 N/mm<sup>2</sup>
- **Modulus of Rupture (wet State)**
  - Along The Grain > 35 N/mm<sup>2</sup>
  - Across The Grain > 29 N/mm<sup>2</sup>
- **Modulus of Elasticity (wet State)**
  - Along The Grain > 4090 N/mm<sup>2</sup>
  - Across The Grain > 3360 N/mm<sup>2</sup>

## TENSILE STRENGTH

- Along the Grain > 58 N/mm<sup>2</sup>
- Across the Grain > 39 N/mm<sup>2</sup>
- Sum of Tensile > 97 N/mm<sup>2</sup>



ROYALÉ TOUCHÉ  
PERFORMANCE PLY

# 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 TOUCHE  
PERFORMANCE L.L.C.

# 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  
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**

**OFFICE ADDRESS**

One42, 401, North Tower,  
Nr. Jayantilal BRTS Stop, Ambli-Bopal Rd.,  
Ahmedabad, Gujarat - 380 054  
079 4001 7979/4750 7600

---

**FACTORY - PLYWOOD**

Satyamev Industrial Heartland,  
Chhatral-Nandasan Highway, Nandasan,  
Dist: Mehsana 382705,  
Gujarat-India