



**TEST REPORT**

<b>Issued to:</b> ROYALE TOUCHE INDUSTRIES PRIVATE LIMITED	<b>Job No.:</b> HTH/TR/23/011608
<b>Address:</b> Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	<b>ULR No.:</b> TC750924000000164F
<b>Test Report As per IS: 710-2010</b>	<b>Issued date:</b> 12.02.2024

**PART A: PARTICULARS OF TEST ITEM**

<b>Sample description:</b> Marine Plywood (Grade BWP, Treatment-ACC)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 2400x 1200x 25 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/3
<b>Batch No. &amp; Mfg date:</b> Trial & 20.12.2023	<b>BIS seal:</b> NA
<b>Any other Information/Expiry date, if any:</b> ---	<b>IO's Signature:</b> NA
<b>Date of commencement of Testing:</b> 17.01.2024	<b>QR Code:</b> 10000600570
<b>Date of Completion of Testing:</b> 12.02.2024	<b>Encoded Code:</b> 24MF32F, 24CFAEC

**PART B: SUPPLEMENTARY INFORMATIONS**

a) Reference to sampling procedure, wherever applicable	: NA
b) Supporting documents taken and results derived graphs, tables, sketches and/or photographs as appropriate to test report, if any (To be attached)	: NA
c) Deviation from the test methods as prescribed in relevant ISS, work Instructions, if any	: NA

**PART C: RESULTS OF ANALYSIS**

**I. Mechanical (Wood & Wood Products)**

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
1.	<b>Dimensions and Tolerance</b>	6				IS: 710-2010
	a) Length		mm	2401 (+1)	+6, -0	
	b) Width		mm	1203 (+3)	+3, -0	
	c) Thickness		mm	25.45 (+1.00%)	± 5 %	
	d) Edge Straightness		%	0.02	0.2 (Max.)	
	e) Squareness		%	0.12	0.2 (Max.)	
2.	<b>Workmanship and Finish</b>	7	---	Satisfactory	Satisfactory	IS: 710-2010
3.	<b>Moisture Content</b>	9.1.1	%	7.97	5 – 15	IS: 1734 (P1) 1983

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*Rajast*  
Analyst



*Rakesh*  
Rakesh Kumar  
Authorized Signatory







**TEST REPORT**

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<b>Address:</b> Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	<b>ULR No.:</b> TC750924000000164F
<b>Test Report</b> As per IS: 710-2010	<b>Issued date:</b> 12.02.2024

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
4.	<b>Glue Adhesion in Dry State</b> a) Glue Shear Strength i. Average ii. Minimum, individual b) Adhesion of Plies	9.1.2	N  ---	  1452 1351 Pass Standard	  1350 (Min.) 1100 (Min.) Shall be min. Pass Standard	IS 710-2010 IS: 1734 (P4) 1983  IS: 1734 (P5) 1983
5.	<b>Water Resistance Test</b> a) Glue Shear Strength I. Average II. Minimum, individual b) Adhesion of Plies	9.1.3	N  ---	  1113 924 Pass Standard	  1000 (Min.) 800 (Min.) Shall be Min. Pass Standard	IS: 710-2010 IS: 1734 (P4) 1983  IS: 1734 (P5) 1983
6.	<b>Tensile Strength</b> a) Along the grain direction b) Across the grain direction c) Sum of Tensile Strength (a + b)	9.1.4	N/mm <sup>2</sup>	  48.70 42.08 90.78	  42 (Min.) 25 (Min.) 84.5 (Min.)	IS:1734 (P9) 1983
7.	<b>Mycological Test</b> a) Edge of the Specimen  b) Glue Shear Strength I. Average II. Minimum, individual c) Adhesion of Plies	9.1.5	---  N  ---	  No sign of Separation at edges  1354 1194 Pass Standard	  Shall be no sign of separation  1000 (Min.) 800 (Min.) Shall be Min. Pass Standard	IS: 1734 (P7) 1983  IS: 1734 (P4) 1983  IS: 1734 (P5) 1983
8.	<b>Static Bending Strength</b> a) <b>Modulus of Elasticity</b> I. Along the grain direction i. Average ii. Minimum, individual II. Across the Grain Direction i. Average ii. Minimum, individual	9.1.6	N/mm <sup>2</sup>	     9364.59 8057.59  4552.21 4428.43	     7500 (Min.) 6700 (Min.)  4000 (Min.) 3600 (Min.)	IS: 710-2010 IS: 1734 (P11) 1983

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*Rajesh*  
Analyst



*Rakesh*  
Rakesh Kumar  
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# हिन्दुस्तान परीक्षण शाला HINDUSTAAN TEST HOUSE

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## TEST REPORT

<b>Issued to:</b> ROYALE TOUCHE INDUSTRIES PRIVATE LIMITED	<b>Job No.:</b> HTH/TR/23/011609
<b>Address:</b> Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	<b>Issued date:</b> 12.02.2024
<b>Test Report As per IS: 710 - 2010</b>	

### PART A: PARTICULARS OF TEST ITEM

<b>Sample description:</b> Face Veneer (Gurjan)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 300 x 300 x 0.9 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/3
<b>Batch No. &amp; Mfg date:</b> --- & ---	<b>BIS seal:</b> NA
<b>Any other Information/Expiry date, if any:</b> ---	<b>IO's Signature:</b> NA
<b>Date of commencement of Testing:</b> 17.01.2024	<b>QR Code:</b> 10000600570
<b>Date of Completion of Testing:</b> 12.02.2024	

### PART B: SUPPLEMENTARY INFORMATIONS

a) Reference to sampling procedure, wherever applicable	: NA
b) Supporting documents taken and results derived graphs, tables, sketches and/or photographs as appropriate to test report, if any (To be attached)	: NA
c) Deviation from the test methods as prescribed in relevant ISS, work Instructions, if any	: NA

### PART C: RESULTS OF ANALYSIS

#### I. Mechanical (Wood & Wood Products)

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/Observation(s)	Specified Values/ Tolerance	Test Method
1.	Veneers	5.1	---	Rotary cut and smooth	Shall be rotary cut or sliced and reasonably smooth	IS: 710 - 2010
2.	Defects in Veneers	5.1.1		Satisfactory	Shall be free from sapwood	IS: 710-2010
3.	Moisture Content	5.1	%	7.44	< 10	IS 1734 (P1) 1983
4.	Thickness	5.2.2	mm	0.92 (+2.22%)	± 5 %	IS 710-2010
5.	Species	4.1	---	Gurjan	---	As per manufacturer declaration

### PART D: REMARKS: ---

-----End of Report-----

Analyst



Authorized Signatory

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Laboratory Address : Plot No. 36, Sector-1, HSIIDC IGC Saha, Ambala Cantt - 133 104, (Haryana)





# हिन्दुस्तान परीक्षण शाला

## HINDUSTAAN TEST HOUSE

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### TEST REPORT

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<b>Address:</b> Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	<b>Issued date:</b> 12.02.2024
<b>Test Report As per IS: 710-2010</b>	

#### PART A: PARTICULARS OF TEST ITEM

<b>Sample description:</b> Core Veneer/Cross Band (Eucalyptus)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 300 x 300 x 1.75 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/3
<b>Batch No. &amp; Mfg date:</b> --- & ---	<b>BIS seal:</b> NA
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#### PART B: SUPPLEMENTARY INFORMATIONS

a) Reference to sampling procedure, wherever applicable	: NA
b) Supporting documents taken and results derived graphs, tables, sketches and/or photographs as appropriate to test report, if any (To be attached)	: NA
c) Deviation from the test methods as prescribed in relevant ISS, work Instructions, if any	: NA

#### PART C: RESULTS OF ANALYSIS

##### I. Mechanical (Wood & Wood Products)

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
1.	Veneers	5.1	---	Rotary cut and smooth	Shall be rotary cut or sliced and reasonably smooth	IS: 710 -2010
2.	Defects in Veneers	5.1.1		Satisfactory	May contain sound knots, not exceed 50 mm in anyone direction and open defects (split & check) such defects do not impair the smooth finish of the surface required for painting or staining, Dead knots shall not be permissible.	IS: 710 -2010
3.	Moisture Content	5.1	%	7.57	< 10	IS: 1734 (P1) 1983
4.	Thickness	5.2.2	mm	1.77 (+1.14%)	± 5%	IS: 710-2010
5.	Species		---	Eucalyptus	---	As per manufacturer declaration

#### PART D: REMARKS: ---

-----End of Report-----

*Rajat*  
Analyst



*Rakesh*  
Authorized Signatory

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