



**TEST REPORT**

<b>Issued to:</b> ROYALE TOUCHE INDUSTRIES PRIVATE LIMITED	<b>Job No.:</b> HTH/TR/23/011611
<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> TC750924000000150F
<b>Test Report</b> As per IS: 303-1989, Amendment No.-06	<b>Issued date:</b> 06.02.2024

**PART A: PARTICULARS OF TEST ITEM**

<b>Sample description:</b> Plywood for General Purpose (Grade BWR, Type AA, 17 ply)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 2440x 1220x 25 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/5
<b>Batch No. &amp; Mfg date:</b> Trial & 21.12.2023	<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> 10000600572
<b>Date of Completion of Testing:</b> 06.02.2024	<b>Encoded Code:</b> 24M1D48

**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.	Type of surface of Plywood	5	---	AA	AA/AB/BB	IS: 303-1989
2.	Surface Defect	5.2	---	Satisfactory	Satisfactory	IS: 303-1989
	Surface Type		---	Type A	Type A / Type B	
	I. Blister		---	Nil	Nil	
	II. Checks					
	a) Individual		mm	35	50 (Max.)	
	b) Total		mm/m2	96	300 (Max.)	

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*Rajesh*  
Analyst



*Rakesh*  
Rakesh Kumar  
Authorized Signatory





# हिन्दुस्तान परीक्षण शाला

## HINDUSTAAN TEST HOUSE

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<b>Test Report</b>	<b>As per IS: 303-1989, Amendment No.-06</b>	<b>Issued date:</b>	06.02.2024

	III. Discoloration		---	Nil	Nil	
	IV. Dote		cm/m <sup>2</sup>	Nil	5 (Max.)	
	V. Insect hole		holes/m <sup>2</sup>	Nil	12 (Max.)	
	VI. Joints		---	Nil	One joint for every multiple of 200 mm	
	VII. Knots (dead)		---	Nil	2 upto 12 mm dia/m <sup>2</sup>	
	VIII. Pin knots (dead)		---	Nil	2/m <sup>2</sup> (Max.)	
	IX. Pin knots (live)		---	Nil	No Restriction	
	X. Knots (tight)		---	Nil	6 up 25 mm dia/m <sup>2</sup>	
	XI. Patches		---	Nil	4 patches/m <sup>2</sup>	
	XII. Splits		---	Nil	2 (Max.)	
	XIII. Swirl		---	Not observed	Unlimited	
3.	<b>Dimensions</b>	8				IS: 303-1989
	a) Length		mm	2440 (+0)	+6, -0	
	b) Width		mm	1222 (+2)	+3, -0	
	c) Thickness		mm	25.14 (+0.56%)	± 5 %	
	d) Edge Straightness		%	0.05	0.2 (Max.)	
	e) Squareness		%	0.06	0.2 (Max.)	
4.	<b>Workmanship &amp; Finish</b>	9	---	Satisfactory	Faces shall be reasonably smooth	IS: 303-1989
5.	<b>Glue Adhesion</b>	11.2				IS 303-1989
	a) Water Resistance Test	11.2.1	---	Pass Standard	Shall be minimum pass	IS: 1734 (P5) 1983
	b) Mycological Test	11.2.2	---	NA	---	IS: 1734 (P7) 1983
6.	<b>Moisture Content</b>	11.3	%	7.18	5 – 15	IS: 1734 (P1) 1983

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*Rajesh*  
Analyst



*Rakesh*  
Rakesh Kumar  
Authorized Signatory



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



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<b>Test Report</b>	<b>As per IS: 303-1989, Amendment No.-06</b>	<b>Issued date:</b>	06.02.2024

7.	<b>Static Bending Strength</b>	11.4				IS: 303-1989 IS: 1734 (P11) 1983
	<b>a) Modulus of Elasticity</b>		N/mm <sup>2</sup>			
	I. Along the grain direction					
	i. Average			7818.38		5000 (Min.)
	ii. Minimum, individual			7323.92		4500 (Min.)
	II. Across the Grain Direction					
	i. Average			5168.67		2500 (Min.)
	ii. Minimum, individual			4972.35		2200 (Min.)
	<b>b) Modulus of Rupture</b>		N/mm <sup>2</sup>			
	I. Along the grain direction					
	i. Average			41.38		40 (Min.)
	ii. Minimum, individual			39.21		36 (Min.)
	II. Across the Grain Direction					
	i. Average			54.40		20 (Min.)
	ii. Minimum, individual			48.55		18 (Min.)

PART D: REMARKS: ---

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

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<b>Test Report As per IS: 303-1989 (Amend No.-06)</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 0.3 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/5
<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> 100000600572
<b>Date of Completion of Testing:</b> 06.02.2024	

### 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.	Moisture Content	-	%	8.16	---	IS 1734 (P1) - 1983
2.	Thickness	7.2.1	mm	0.31 (+3.33%)	± 5 %	IS 303 -1989
3.	Species	6.1	---	Gurjan	---	As per manufacturer declaration

### PART D: REMARKS: ---

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

*Rajot*  
Analyst



*Rakesh*  
Authorized Signatory

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<b>Test Report As per IS 303-1989 (Amend No. 06)</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 1.8 mm
<b>Date of receipt:</b> 16.01.2024	<b>Code No.:</b> 10440778/2023/SS/5
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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.	Moisture Content	-	%	8.26	---	IS 1734 (P1) -1983
2.	Thickness	7.2.1	mm	1.81 (+0.56%)	± 5%	IS 303 -1989
3.	Species	6.1	---	Eucalyptus	---	As per manufacturer declaration

### PART D: REMARKS: ---

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

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