



TEST REPORT

Issued to:	ROYALE TOUCHE INDUSTRIES PRIVATE LIMITED	Job No.:	HTH/TR/23/011615
Address:	Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	ULR No.:	TC750924000000152F
Test Report	As per IS: 1659-2004, Amendment No.-02	Issued date:	06.02.2024

PART A: PARTICULARS OF TEST ITEM

Sample description:	Block Board (Grade BWP, Type-COM, Boric Acid Treatment)	Sample Quantity:	One
Declared values, if any:	---	Sample Size:	2440x 1220x 25 mm
Date of receipt:	16.01.2024	Code No.:	10440778/2023/SS/4
Batch No. & Mfg date:	Trial & 20.12.2023	BIS seal:	NA
Any other Information/Expiry date, if any:	---	IO's Signature:	NA
Date of commencement of Testing:	17.01.2024	QR Code:	10000600571
Date of Completion of Testing:	06.02.2024	Encoded Code:	24M73D9

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.	Surface Defect	6.3.3	---	Satisfactory	Satisfactory	IS: 1659-2004
	Surface Type		---	Type A	Type A / Type B	
	I. Blister		---	Nil	Nil	
	II. Checks					
	a) Individual		mm	24	50 (Max.)	
	b) Total		mm/m ²	98	300 (Max.)	
	III. Discoloration		---	Nil	Nil	
	IV. Dote		cm/m ²	Nil	5 (Max.)	

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Rajat
Analyst



Rakesh
Rakesh Kumar
Authorized Signatory





हिन्दुस्तान परीक्षण शाला

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Page 2 of 3

TC-7509

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Test Report	As per IS: 1659-2004, Amendment No.-02	Issued date:	06.02.2024

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
	V. Insect hole VI. Joints VII. Knots (dead) VIII. Pin knots (dead) IX. Pin knots (live) X. Knots (tight) XI. Patches XII. Splits XIII. Swirl		holes/m ² --- --- --- --- --- --- --- ---	Nil Nil Nil Nil Nil Nil Nil Nil Not observed	12 (Max.) One joint for every multiple of 200 mm 2 up to 12 mm dia/m ² 2/m ² (Max.) No Restriction 6 up 25 mm dia/m ² 4 patches/m ² 2 (Max.) Unlimited	
2.	Dimensions and Tolerances a) Length b) Width c) Thickness d) Variation in Thickness e) Edge Straightness f) Squareness	7	mm mm mm mm % %	2440 (+0) 1220 (+0) 24.94 (-0.24%) 0.41 0.02 0.15	+6, -0 +3, -0 ± 5 % ≤ 0.5 0.2 (Max.) 0.2 (Max.)	IS: 1659-2004
3.	Dimensional Changes Caused by Humidity a) At 90 % relative humidity I. Change in Length II. Change in Thickness b) At 40% relative humidity I. Change in Length II. Change in Thickness c) Change in Local Planeness	9.2.1	--- mm mm mm mm ---	No delamination observed +0.16 +0.30 -0.10 -0.13 0.21/150	Shall not be any delamination ± 1 ± 1 ± 1 ± 1 < 1/150	IS: 1659-2004
4.	Resistance to Water	9.2.2	---	Pass Standard	Shall be Minimum Pass Standard	IS: 1659-2004

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Rajat
Analyst



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



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Address: Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	ULR No.: TC750924000000152F
Test Report As per IS: 1659-2004, Amendment No.-02	Issued date: 06.02.2024

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
5.	Adhesion of Plies	9.2.3	---	Pass Standard	Shall be Minimum Pass Standard	IS: 1659-2004
6.	Mycological Test	9.2.4	---	No visible separation observed	Shall not be any visible Separation	IS: 1659-2004
7.	a) Modulus of Rupture i. Average ii. Minimum, individual b) Modulus of Elasticity I. Average II. Minimum, individual	9.2.5	N/mm ² N/mm ²	50.53 45.44 5787.18 4965.95	50 (Min.) 42 (Min.) 5000 (Min.) 4200 (Min.)	IS: 1659-2004

II. Chemical (Industrial & Fine Chemicals)

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
1.	Spot Test	9.2.6	---	Satisfactory (Penetration of Borax-Boric acid)	Shall show through and through penetration of preservative chemical	IS: 1659-2004

PART D: REMARKS: ---

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

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Rajesh
Analyst



Rakesh
Rakesh Kumar
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Page 1 of 1

Issued to: ROYALE TOUCHE INDUSTRIES PRIVATE LIMITED **Job No.:** HTH/TR/23/011616
Address: Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616
2706 to 2708, Dangarva, Mehsana
Gujarat, India- 384450 **Issued date:** 06.02.2024
Test Report As per IS: 1659-2004 (Amendment No. 02)

PART A: PARTICULARS OF TEST ITEM

Sample description: Face Veneer (Gurjan) **Sample Quantity:** One
Declared values, if any: --- **Sample Size:** 300 x 300 x 0.5 mm
Date of receipt: 16.01.2024 **Code No.:** 10440778/2023/SS/4
Batch No. & Mfg date: --- & --- **BIS seal:** NA
Any other Information/Expiry date, if any: --- **IO's Signature:** NA
Date of commencement of Testing: 17.01.2024 **QR Code:** 100000600571
Date of Completion of Testing: 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	6.3	%	8.70	8 - 12	IS: 1734 (P1)-1983
2.	Thickness	6.3	mm	0.52 (+4.00%)	0.5 - 1.5	IS: 1659-2004
3.	Species	5.1	---	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)



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Address: Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	Issued date: 06.02.2024
Test Report As per IS 1659-2004 (Amendment No. 02)	

PART A: PARTICULARS OF TEST ITEM

Sample description: Core Veneer/Cross Band (Eucalyptus)	Sample Quantity: One
Declared values, if any: ---	Sample Size: 300 x 300 x 2.5 mm
Date of receipt: 16.01.2024	Code No.: 10440778/2023/SS/4
Batch No. & Mfg date: --- & ---	BIS seal: NA
Any other Information/Expiry date, if any: ---	IO's Signature: NA
Date of commencement of Testing: 17.01.2024	QR Code: 10000600571
Date of Completion of Testing: 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	6.3	%	8.92	8 - 12	IS: 734(P1)-1983
2.	Thickness	6.3	mm	2.53 (+1.20%)	1.0 - 3.0	IS: 1659-2004
3.	Species	5.1	---	Eucalyptus	---	As per manufacturer declaration

PART D: REMARKS: ---

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

Rajat
Analyst



Rakesh
Authorized Signatory

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Page 1 of 1

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Test Report As per IS: 1659- 2004 (Amend No.-02)	

PART A: PARTICULARS OF TEST ITEM

Sample description: Core Strip (Eucalyptus)	Sample Quantity: One
Declared values, if any: ---	Sample Size: 400 x 27 mm
Date of receipt: 16.01.2024	Code No.: 10440778/2023/SS/4
Batch No. & Mfg date: --- & ---	BIS seal: NA
Any other Information/Expiry date, if any: ---	IO's Signature: NA
Date of commencement of Testing: 17.01.2024	QR Code: 100000600571
Date of Completion of Testing: 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	6.2	%	9.17	Not more than 12%	IS: 1734 (P1)-1983
2.	Width	6.2	mm	27.30	Not more than 30 mm	IS: 1659-2004
3.	Species	5.1	---	Eucalyptus	---	As per manufacturer declaration

PART D: REMARKS: ---

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

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Page 1 of 1

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Address: Survey. No. 2589, 2601 to 2607, 2610 to 2611, 2613 to 2616 2706 to 2708, Dangarva, Mehsana Gujarat, India- 384450	Issued date: 06.02.2024
Test Report As per IS: 1659- 2004, Amendment No.-02	

PART A: PARTICULARS OF TEST ITEM

Sample description: Edge Strip (Eucalyptus)	Sample Quantity: One
Declared values, if any: ---	Sample Size: 400 x 40 mm
Date of receipt: 16.01.2024	Code No.: 10440778/2023/SS/4
Batch No. & Mfg date: --- & ---	BIS seal: NA
Any other Information/Expiry date, if any: ---	IO's Signature: NA
Date of commencement of Testing: 17.01.2024	QR Code: 100000600571
Date of Completion of Testing: 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	6.2	%	9.58	Not more than 12%	IS: 1734 (P1) 1983
2.	Width	6.2	mm	40.68	Not more than 45mm	IS: 1659-2004
3.	Species	5.1	---	Eucalyptus	---	As per manufacturer declaration

PART D: REMARKS: ---

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

Reyad
Analyst



Rakesh
Authorized Signatory

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