



# हिन्दुस्तान परीक्षण शाला

# HINDUSTAN TEST HOUSE

Laboratory : Plot No. 36, Sector-1, HSIIDC IGC Saha, Ambala Cantt - 133 104 (Haryana)  
Mob. : 07876399888, 9355002828 • E-mail : hindustantesthouse@gmail.com

## TEST REPORT

Page 1 of 1

<b>Issued to:</b> RIANGDO VENEERS PRIVATE LIMITED	<b>Job No.:</b> HTH/TR/22/041933
<b>Address:</b> Barapani Industrial Area Opposite RKB Cement, Umlam, RI Bhol Meghalaya, India-793103	<b>Issued date:</b> 07.06.2022
<b>Test Report As per IS: 1659- 2004, Amendment No.-02</b>	

### PART A: PARTICULARS OF TEST ITEM

<b>Sample description:</b> Edge Strip (Piney)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 400 x 40 mm
<b>Date of receipt:</b> 19.04.2022	<b>Code No.:</b> 10357136/2022/SS/4
<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> 24.04.2022	<b>QR CODE</b> 10000223686
<b>Date of Completion of Testing:</b> 07.06.2022	

### 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)(Clause)	Unit	Result(s)/Observation (s)	Specified Values/ Tolerance	Test Method
1.	Moisture Content	%	9.58	Not more than 12%	IS: 1659-2004
2.	Width	mm	40.48	Not more than 45mm	IS: 1659-2004
3.	Species	---	Piney	---	As per manufacturer declaration

### PART D: REMARKS: ---

*Pawan*  
Analyst

*Raksh*  
Authorized Signatory

Note : 1. The above Results relate only to the Item tested.  
2. Samples are not drawn by Hindustaan Test House.  
3. Total liability of Hindustaan Test House is limited to invoiced amount.  
4. The Test-Report is not to be reproduced wholly or in part and cannot be used as in court of Law and should not be used as evidence in the court.  
5. Hindustaan Test House is an NABL accredited and BIS approved laboratory

No 09628



# हिन्दुस्तान परीक्षण शाला

## HINDUSTAN TEST HOUSE



TC-7509

Laboratory

: Plot No. 36, Sector-1, HSIDC IGC Saha, Ambala Cantt - 133 104 (Haryana)  
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### TEST REPORT

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<b>Issued to:</b> RIANGDO VENEERS PRIVATE LIMITED	<b>Job No.:</b> HTH/TR/22/041931
<b>Address:</b> Barapani Industrial Area Opposite RKB Cement, Umlam, RI Bhoi Meghalaya, India-793103	<b>ULR No.:</b> TC750922000000573F
<b>Test Report As per IS: 1659-2004, Amendment No.-02</b>	<b>Issued date:</b> 07.06.20212

#### PART A: PARTICULARS OF TEST ITEM

<b>Sample description:</b> Block Board (Grade BWP, Type-COM, Boric Acid Treated)	<b>Sample Quantity:</b> One
<b>Declared values, if any:</b> ---	<b>Sample Size:</b> 2440x 1220x 19 mm
<b>Date of receipt:</b> 19.04.2022	<b>Code No.:</b> 10357136/2022/SS/4
<b>Batch No. &amp; Mfg date:</b> Trial batch No.01 & 12.04.2022	<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> 24.04.2022	<b>QR Code:</b> 100000223686
<b>Date of Completion of Testing:</b> 07.06.2022	<b>Encoded Code:</b> 22M781D, 22C7FD3

#### 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)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
1.	Surface Defect (Cl. 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	26	50 (Max.)	
	b) Total	mm/m <sup>2</sup>	118	300 (Max.)	

*Pawar*  
Analyst

*Rakesh Kumar*  
Authorized Signatory

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No 09024



# हिन्दुस्तान परीक्षण शाला HINDUSTAN TEST HOUSE

TC-7509

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## TEST REPORT

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Issued to: RIANGDO VENEERS PRIVATE LIMITED

Job No.: HTH/TR/22/041931

Address: Barapani Industrial Area

ULR No.: TC750922000000573F

Opposite RKB Cement, Umiam, RI Bhoi

Meghalaya, India-793103

Issued date: 07.06.20212

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

S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
	III. Discoloration	---	Nil	Nil	
	IV. Dote	cm/m <sup>2</sup>	1	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 up to 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	
2.	Dimension (Clause 7)				IS: 1659-2004
	a) Length	mm	2442 (+2)	+6, -0	
	b) Width	mm	1222 (+2)	+3, -0	
	c) Thickness	mm	19.34 (+1.79%)	± 5 %	
	d) Variation in Thickness	mm	0.40	≤ 0.5	
	e) Edge Straightness	%	0.08	0.2 (Max.)	
	f) Squareness	%	0.14	0.2 (Max.)	
3.	Dimensional Changes Caused by Humidity (Cl. 9.2.1)	---	No delamination observed	Shall not be any delamination	IS: 1659-2004
	a) At 90 % relative humidity				
	I. Change in Length	mm	+0.12	± 1	
	II. Change in Thickness	mm	+0.27	± 1	
	b) At 40% relative humidity				
	I. Change in Length	mm	-0.08	± 1	
	II. Change in Thickness	mm	-0.12	± 1	
	c) Change in Local Planeness	---	0.34/150	1/150	

*Pawan*  
Analyst

Authorized Signatory



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No 09625



हिन्दुस्तान परीक्षण शाला

**HINDUSTAN TEST HOUSE**

HTH

TC-7509

Laboratory

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**TEST REPORT**

Page 3 of 3

Issued to: RIANGDO VENEERS PRIVATE LIMITED

Job No.: HTH/TR/22/041931

Address: Barapani Industrial Area

ULR No.: TC750922000000573F

Opposite RKB Cement, Umiam, RI Bhoi

Meghalaya, India-793103

Issued date: 07.06.20212

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

S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
4.	Resistance to Water (Cl. 9.2.2)	---	Pass Standard	Shall be Minimum Pass Standard	IS: 1659-2004
5.	Adhesion of Plies (Cl. 9.2.3)	---	Pass Standard	Shall be Minimum Pass Standard	IS: 1659-2004
6.	Mycological Test (Cl. 9.2.4)	---	NA	---	---
7.	a) Modulus of Rupture (Cl. 9.2.5)	N/mm <sup>2</sup>	52.68	50 (Min.)	IS: 1659-2004
	i. Average		50.62	42 (Min.)	
	ii. Minimum, individual				
	b) Modulus of Elasticity	N/mm <sup>2</sup>	5396.20	5000 (Min.)	
	i. Average		4988.02	4200 (Min.)	
	ii. Minimum, Individual				

**II. Chemical (Industrial & Fine Chemicals)**

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

PART D: REMARKS: ---

*Pawan*  
Analyst

*Rakesh Kumar*  
Authorized Signatory

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No 09020



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## TEST REPORT

Page 1 of 1

Issued to: RIANGDO VENEERS PRIVATE LIMITED	Job No.: HTH/TR/22/041932
Address: Barapani Industrial Area Opposite RKB Cement, Umiam, RI Bhoi Meghalaya, India-793103	Issued date: 07.06.2022
Test Report As per IS: 1659- 2004 (Amend No.-02)	

### PART A: PARTICULARS OF TEST ITEM

Sample description: Core Strip (Piney)	Sample Quantity: One
Declared values, if any: ---	Sample Size: 400 x 28 mm
Date of receipt: 19.04.2022	Code No.: 10357136/2022/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: 24.04.2022	QR CODE: 10000223686
Date of Completion of Testing: 07.06.2022	

### 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)(Clause)	Unit	Result(s)/Observation (s)	Specified Values/ Tolerance	Test Method
1.	Moisture Content	%	9.18	Not more than 12%	IS: 1659-2004
2.	Width	mm	28.54	Not more than 30 mm	IS: 1659-2004
3.	Species	---	Piney	---	As per manufacturer declaration

### PART D: REMARKS: ---

*Pawan*  
Analyst

*Rajesh Kumar*  
Authorized Signatory

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