



# हिन्दुस्तान परीक्षण शाला HINDUSTAN TEST HOUSE



TC-7509 Laboratory

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

## TEST REPORT

Page 1 of 3

Issued to: REGENCY WOOD PANEL PVT LTD  
Address: 106, 1<sup>st</sup> Floor, Palm Beach Gallena  
Plot No. 17, Sector 19D, Vashi  
Navi Mumbai-400703, India

Job No.: HTH/TR/21/090715  
ULR No.: TC750921000000251F  
Issued date: 04.10.2021

## PARTICULARS OF TEST ITEM

Sample description: Marine Plywood  
(Grade BWP, ACC treated, Brand-REGENCY)

Sample Quantity: One  
Sample Size: 2440 x 1220 x 19 mm

Date of receipt: 07.09.2021  
Date of Manufacturing: 02.08.2021

Batch No.: ---  
Date of Testing: 04.10.2021

## 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.	<b>Dimension (Clause 6)</b>				IS: 710-2010
	a) Length	mm	2442 (+2)	+6, -0	
	b) Width	mm	1221 (+1)	+3, -0	
	c) Thickness	mm	19.28 (+1.47%)	± 5 %	
	d) Edge Straightness	%	0.06	0.2 (Max.)	
	e) Squareness	%	0.14	0.2 (Max.)	
2.	<b>Workmanship and Finish (Clause 7)</b>	---	Satisfactory	Satisfactory	IS: 710-2010
3.	<b>Moisture Content (Cl. 9.1.1)</b>	%	7.59	5 - 15	IS: 1734 (P1) 1983
4.	<b>Glue Adhesion in Dry State (Cl. 9.1.2)</b>				IS 710-2010 IS: 1734 (P4) 1983
	a) Glue Shear Strength	N			
	i. Average		1797	1350 (Min.)	
	ii. Minimum, individual		1592	1100 (Min.)	
	b) Adhesion of Plies	---	Pass Standard	Shall be min. Pass Standard	IS: 1734 (P5) 1983
5.	<b>Water Resistance Test (Cl. 9.1.3)</b>				IS: 710-2010 IS: 1734 (P4) 1983
	a) Glue Shear Strength	N			
	I. Average		1364	1000 (Min.)	
	II. Minimum, individual		1196	800 (Min.)	
	b) Adhesion of Plies	---	Pass Standard	Shall be Min. Pass Standard	IS: 1734 (P5) 1983

*Analyst*  
Analyst

*Authorized Signatory*  
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

307737



# हिन्दुस्तान परीक्षण शाला HINDUSTAAN TEST HOUSE



TC-7509 Laboratory

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

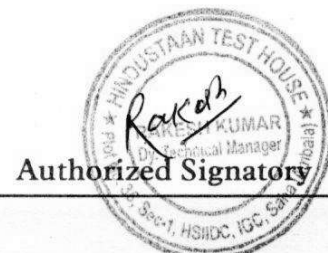
## TEST REPORT

Page 2 of 3

<b>Issued to:</b> REGENCY WOOD PANEL PVT LTD	<b>Job No.:</b> HTH/TR/21/090715
<b>Address:</b> 106, 1 <sup>st</sup> Floor, Palm Beach Gallena Plot No. 17, Sector 19D, Vashi Navi Mumbai-400703, India	<b>ULR No.:</b> TC750921000000251F <b>Issued date:</b> 04.10.2021

S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
6.	<b>Tensile Strength</b> (Cl. 9.1.4) a) Along the grain direction b) Across the grain direction c) Sum of Tensile Strength (a + b)	N/mm <sup>2</sup>	52.58 43.33 95.91	42 (Min.) 25 (Min.) 84.5 (Min.)	IS:1734 (P9) 1983
7.	<b>Mycological Test</b> (Cl. 9.1.5) a) Edge of the Specimen b) Glue Shear Strength I. Average II. Minimum, individual c) Adhesion of Plies	--- N ---	No sign of Separation at edges 1267 1036 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> (Cl. 9.1.6) 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 b) <b>Modulus of Rupture</b> I. Along the grain direction i. Average ii. Minimum, individual II. Across the Grain Direction i. Average ii. Minimum, individual	N/mm <sup>2</sup> N/mm <sup>2</sup>	7921.26 7682.20 5613.44 5398.87 54.24 52.24 40.44 38.25	7500 (Min.) 6700 (Min.) 4000 (Min.) 3600 (Min.) 50 (Min.) 45 (Min.) 30 (Min.) 27 (Min.)	IS: 710-2010 IS: 1734 (P11) 1983
9.	<b>Wet Bending Strength</b> (Cl. 9.1.7) a) <b>Modulus of Elasticity</b> I. Along the grain direction	N/mm <sup>2</sup>			IS: 710-2010 IS: 1734 (P11) 1983

*Rkumar*  
Analyst



- 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 07738



# हिन्दुस्तान परीक्षण शाला HINDUSTAAN TEST HOUSE



TC-7509

Laboratory

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

## TEST REPORT

Page 3 of 3

<b>Issued to:</b> REGENCY WOOD PANEL PVT LTD	<b>Job No.:</b> HTH/TR/21/090715
<b>Address:</b> 106, 1 <sup>st</sup> Floor, Palm Beach Gallena Plot No. 17, Sector 19D, Vashi Navi Mumbai-400703, India	<b>ULR No.:</b> TC750921000000251F  <b>Issued date:</b> 04.10.2021

S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
	i. Average		4500.22	3750 (Min.)	
	ii. Minimum, individual		4234.55	3400 (Min.)	
	II. Across the Grain Direction				
	i. Average		3659.80	2000 (Min.)	
	ii. Minimum, individual		3465.44	1800 (Min.)	
	b) <b>Modulus of Rupture</b>	N/mm <sup>2</sup>			
	I. Along the grain direction				
	i. Average		36.71	25 (Min.)	
	ii. Minimum, individual		33.99	22 (Min.)	
	III. Across the Grain Direction				
	i. Average		32.92	15 (Min.)	
	ii. Minimum, individual		30.80	13 (Min.)	
10.	<b>Retention of Preservative</b> (Cl. 9.1.8)	Kg/m <sup>3</sup>	12.42	12 (Min.)	IS 2753 (P1) 1991
11.	<b>Formaldehyde Content</b>	mg/100g	3.05	---	IS 13745-2020

-----Specified Value(s) as per IS 710-2010-----

*R. Kumar*  
Analyst



- 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

№ 07739