



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	Job No.: HTH/TR/21/090714
Address: 106, 1 st Floor, Palm Beach Gallena	ULR No.: TC750921000000250F
Plot No. 17, Sector 19D, Vashi	
Navi Mumbai-400703, India	Issued date: 04.10.2021

PARTICULARS OF TEST ITEM

Sample description: Plywood for General Purpose (Grade BWR, Type AA, Brand-REGENCY)	Sample Quantity: One
Date of receipt: 07.09.2021	Sample Size: 2440 x 1220 x 19 mm
Batch No.: ---	Date of Manufacturing: 03.08.2021
	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.	Type of surface of Plywood (Cl. 5)	---	AA	AA/AB/BB	IS: 303-1989
2.	Surface Defect (Cl. 5.2, Table 1)	---	Satisfactory	Satisfactory	IS: 303-1989
	Surface Type	---	Type A	Type A / Type B	
	I. Blister	---	Nil	Nil	
	II. Checks				
	a) Individual	mm	20	50 (Max.)	
	b) Total	mm/m ²	104	300 (Max.)	
	III. Discoloration	---	Nil	Nil	
	IV. Dote	cm/m ²	1	5 (Max.)	
	V. Insect hole	holes/m ²	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 ²	
	VIII. Pin knots (dead)	---	Nil	2/m ² (Max.)	
	IX. Pin knots (live)	---	Nil	No Restriction	
	X. Knots (tight)	---	Nil	6 up 25 mm dia/m ²	

Rkumar
Analyst

Rkumar
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 07734



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S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
	XI. Patches	---	Nil	4 patches/m ²	
	XII. Splits	---	Nil	2 (Max.)	
	XIII. Swirl	---	Not observed	Unlimited	
3.	Dimensions (Cl. 8)				IS: 303-1989
	a) Length	mm	2441 (+1)	+6, -0	
	b) Width	mm	1221 (+1)	+3, -0	
	c) Thickness	mm	19.18 (+0.95%)	± 5 %	
	d) Edge Straightness	%	0.07	0.2 (Max.)	
	a) Squareness	%	0.12	0.2 (Max.)	
4.	Workmanship & Finish (Cl. 9)	---	Satisfactory	Faces shall be reasonably smooth	IS: 303-1989
5.	Glue Adhesion (Clause 11.2)				IS 303-1989
	a) Water Resistance Test (Cl. 11.2.1)	---	Pass Standard	Shall be minimum pass	IS: 1734 (P4) 1983
	b) Mycological Test (Cl. 11.2.2)	---	NA	---	---
6.	Moisture Content (Cl. 11.3)	%	7.78	5 – 15	IS: 1734 (P1) 1983
7.	Static Bending Strength (Cl. 11.4)				IS: 303-1989
	a) Modulus of Elasticity	N/mm ²			IS: 1734 (P11) 1983
	I. Along the grain direction				
	i. Average		5303.93	5000 (Min.)	
	ii. Minimum, individual		5062.09	4500 (Min.)	
	II. Across the Grain Direction				
	i. Average		3768.07	2500 (Min.)	
	ii. Minimum, individual		3551.49	2200 (Min.)	

Analyst

Authorized Signatory

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S. No.	Test Parameter(s)(Clause)	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
	b) Modulus of Rupture	N/mm ²			
	I. Along the grain direction				
	i. Average		43.83	40 (Min.)	
	ii. Minimum, individual		41.21	36 (Min.)	
	II. Across the Grain Direction				
	i. Average		34.87	20 (Min.)	
	ii. Minimum, individual		32.29	18 (Min.)	
8.	Formaldehyde Content	mg/100g	3.45	---	IS 13745-2020

-----Specified Value(s) as per IS 303-1989-----

R. Kumar
Analyst

Raksh
Authorized Signatory

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