



## TEST CERTIFICATE

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Sample : Wood Raw 18mm HDUMR Panels	<b>Report No. : 21003797</b>
Sample Description : Wood Raw 18mm HDUMR Panels	
Customer Ref : Nil	Report Issue Date: 23/02/2021
Customer Name & Address : Strawcture Eco Pvt. Ltd. 52, Hari Om Nagar Colony, Phase-2, Civil Lines, Bichhiya, Gorakhpur, Uttar Pradesh - 273001	Job Code STRC/21003797
	Sample Received On 01/02/2021
	Date of Testing 01/02/2021-22/02/2021
	Sample Quantity 4 Pcs.
	Sample Condition: Packed properly

S. No.	Test Parameters	Test Result	Test Method
1.	Density, (kg/m <sup>3</sup> )	733	IS: 2380 (P-3) 1977
	Variation from mean density, %	6.0	--
2.	Moisture Content, (%)	9.8	IS: 2380 (P-3) 1977
	Variation from mean moisture, %	No variation	--
3.	Water Absorption, (%)	--	IS: 2380 (P-16) 1977
	(a) After 2 h soaking	15.8	--
	(b) After 24 h soaking	43.0	--
4.	Modulus of Rupture, (N/mm <sup>2</sup> )	--	IS: 2380 (P-4) 1977
	Average	17.82	-
	Minimum Individual	16.70	--
5.	Modulus of Elasticity, (N/mm <sup>2</sup> )	--	IS: 2380 (P-4) 1977
	Average	1508	-
	Minimum Individual	1407	--
6.	Internal Bond, (N/mm <sup>2</sup> )	--	IS: 2380 (P-5) 1977
	Average	1.15	-
	Minimum Individual	1.12	--
7.	Internal Bond, (N/mm <sup>2</sup> ), (a) After Cyclic Test	--	IS: 2380 (P-5) 1977 & IS: 2380 (P-19) 1977
	Average	0.77	-
	Individual	0.74	--
8.	Internal Bond, (N/mm <sup>2</sup> ), (B) After accelerated water resistance test	--	IS: 2380 (P-5) 1977 & IS: 2380 (P-20) 1977
	Average	0.60	-
	Individual	0.59	--
9.	Screw Withdrawal Strength, (N)	--	IS: 2380 (P-14) 1977
	(a) Face	1212	--

Format No.: STRC/7.8/ITC/2/03

TEST & RESEARCH CENTRE  
99, Badli Industrial Area,  
New Delhi-110042  
**Rahul Mahaur**  
Section In Charge

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Sample : Wood Raw 18mm HDUMR Panels	Report No. : 21003797
Sample Description : Wood Raw 18mm HDUMR Panels	
Customer Ref : Nil	Report Issue Date: 23/02/2021

S. No.	Test Parameters	Test Result	Test Method
	(b) Edge	750	--
10.	Dimensional Stability Test, (%)	0.11	IS: 2380 (P-18) 1977

\*\*\*\*\* End of Report \*\*\*\*\*

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Sample : Wood Prelaminated 18mm HDUMR Panel	<b>Report No. : 21003798</b>
Sample Description : Wood Prelaminated 18mm HDUMR Panel	
Customer Ref : Nil	Report Issue Date: 12/02/2021
Customer Name & Address : Strawcture Eco Pvt. Ltd. 52, Hari Om Nagar Colony, Phase-2, Civil Lines, Bichhiya, Gorakhpur, Uttar Pradesh - 273001	Job Code STRC/21003798
	Sample Received On 01/02/2021
	Date of Testing 01/02/2021-12/02/2021
	Sample Quantity 4 Pcs.

S. No.	Test Parameters	Test Result	Test Method
1.	Tensile Strength Perpendicular to Surface, (kg/cm <sup>2</sup> )	33.7	IS: 2380 (P-5) 1977
2.	Thickness Swelling After 2 hr, (%)	8.5	IS: 2380 (P-17) 1977
3.	Crack Resistance	No Defects Such as Cracking, Tearing or Delamination has found	IS: 4020 (P-5) 1998

\*\*\*\*\* End of Report \*\*\*\*\*

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Badli  
Industrial Area,  
Phase-2,  
**Rahul Mahaur**  
Section In charge

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