

# Unique Test House

ULR No. :  
TC561622000001099F

.....  
DOC No. : A2211023 & B2211018 VILLAGE:-SARSINI, PO:-LALRU, MOHALI, S.A.S Nagar,  
Telephone : +91 9896169971 Punjab, India - 140501  
FAX : -  
E-Mail :  
BO Code : None

## Test REPORT AS PER : IS 710 (2010)

QR Code/Barcode : 100000326478

REPORT NO : 10378661/2022/SS/8\_1

DATE : 28 Nov, 2022

### PART A. PARTICULARS OF SAMPLE SUBMITTED

a) Customer Name & Address : Silvermont Ply And Veneers LLP  
Syno-60/24 to Sy no -60/35 & Maruvada Sy-1/3,  
CH Rajam Village, SRIKAKULAM, ANDHRA  
PRADESH, INDIA - 532409

b) Nature of sample : SS

c) Grade/Variety/Type/Class Size etc : 2440 x 1220 x 19 mm/ BWP Treatment-ACC Raw  
Material Face Veneer- Gurjan- 0.90 mm, Core  
Veneer- Gurjan-1.80 mm

d) Declare values, if any : N/A

e) Batch No. & Date of Manufacture : 1/

f) Quantity : 1 pc. ply and 1 pc. each raw material

g) Date of Receipt : 03 Nov, 2022

h) BIS Seal : Verified by Sample Cell

i) IO's Signature : Verified by Sample Cell

j) Any other Information / Expiry Date, If any : -/N/A

k) Date of Commencement of Testing : 05 Nov, 2022

l) Date of Completion of Testing : 28 Nov, 2022

m) Section Code : 22C5F13, 22M4809

n) Section Report No. : 22C5F13\_1, 22M4809\_1

o) Report Type : New

p) Reference Report No. :

q) Remarks :

**SONIKA KAPOOR**  
**OIC SAMPLE CELL**  
(Authorized Signatory)  
Authorized on: 28 Nov, 2022 11:19 AM

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PART B. SUPPLEMENTARY INFORMATION

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|--|----------------|
| 1. Reference to sampling procedure, wherever applicable.   | Not Applicable |
| 2. Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any. | Not Applicable |
| 3. Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.   | Not Applicable |

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**Sanjeev Kumar**  
**OIC Mechanical**  
(Authorized Signatory)  
Authorized on: 26 Nov, 2022 10:12 AM

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## PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	Cl. 9.1.2, 9.1.2.1	Cl. 9.1.2 (Glue Adhesion in Dry State), 9.1.2.1 ( Glue Shear Strength: Average )	N	1350.0	-	N	1407.0
2	Cl. 9.1.2, 9.1.2.1	Cl. 9.1.2 (Glue Adhesion in Dry State), 9.1.2.1 ( Glue Shear Strength: Individual)	N	1100.0	-	N	1235.0
3	Cl. 9.1.3, 9.1.3.1.1	Cl. 9.1.3 (Water Resistance Test ), 9.1.3.1.1 (Glue Shear Strength: Average)	N	1000.0	-	N	1057.0
4	Cl. 9.1.3, 9.1.3.1.1	Cl. 9.1.3 (Water Resistance Test) , 9.1.3.1.1 (Glue Shear Strength: Individual)	N	800.0	-	N	838.0
5	Cl. 9.1.5, 9.1.3.1.1	Cl.9.1.5 (Mycological Test), 9.1.3.1.1 ( Glue Shear Strength: Average)	N	1000.0	-	N	1059.0
6	Cl. 9.1.5, 9.1.3.1.1	Cl.9.1.5 (Mycological Test), 9.1.3.1.1 (Glue Shear Strength: Individual)	N	800.0	-	N	872.0
7	Cl. 9.1.4	Cl. 9.1.4 (Tensile Strength: Parallel to grain)	N/mm <sup>2</sup>	42.5	-	N/mm2	45.62
8	Cl. 9.1.4	Cl. 9.1.4 (Tensile Strength: Perpendicular to grain)	N/mm <sup>2</sup>	25.0	-	N/mm2	41.27
9	Cl. 9.1.4	Cl. 9.1.4 (Tensile Strength: Sum of the Tensile Strength in two directions)	N/mm <sup>2</sup>	84.5	-	N/mm2	86.89
10	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Elasticity: Along the Face Grain: Average)	N/mm <sup>2</sup>	7500.0	-	N/mm2	8518.0
11	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Elasticity: Along the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	6700.0	-	N/mm2	8231.0
12	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Elasticity: Across the Face Grain: Average)	N/mm <sup>2</sup>	4000.0	-	N/mm2	8076.0
13	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Elasticity: Across the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	3600.0	-	N/mm2	7574.0
14	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Rupture: Along the Face Grain: Average)	N/mm <sup>2</sup>	50.0	-	N/mm2	52.0

15	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Rupture: Along the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	45.0	-	N/mm <sup>2</sup>	50.0
16	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Rupture: Across the Face Grain: Average)	N/mm <sup>2</sup>	30.0	-	N/mm <sup>2</sup>	48.0
17	Cl. 9.1.6 (Table 3)	Cl. 9.1.6 (Table 3) (Modulus of Rupture: Across the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	27.0	-	N/mm <sup>2</sup>	45.0
18	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Elasticity: Along the Face Grain: Average)	N/mm <sup>2</sup>	3750.0	-	N/mm <sup>2</sup>	6263.0
19	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Elasticity: Along the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	3400.0	-	N/mm <sup>2</sup>	5707.0
20	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Elasticity: Across the Face Grain: Average)	N/mm <sup>2</sup>	2000.0	-	N/mm <sup>2</sup>	5571.0
21	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Elasticity: Across the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	1800.0	-	N/mm <sup>2</sup>	4847.0
22	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Rupture: Along the Face Grain: Average)	N/mm <sup>2</sup>	25.0	-	N/mm <sup>2</sup>	31.0
23	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Rupture: Along the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	22.0	-	N/mm <sup>2</sup>	27.0
24	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Rupture: Across the Face Grain: Average)	N/mm <sup>2</sup>	15.0	-	N/mm <sup>2</sup>	33.0
25	Cl. 9.1.7 (Table 4)	Cl. 9.1.7 (Table 4) (Modulus of Rupture: Across the Face Grain: Minimum Individual)	N/mm <sup>2</sup>	13.0	-	N/mm <sup>2</sup>	21.0
26	9.1.5 , 9.1.3.1.2	Mycological test	Adhesion of plies When test as specified, veneers shall offer appreciable resistance to separation and the fractured samples shall show some adherent fibres distributed more or less uniformly.	-	-	-	Pass Standard
27	9.1.5	Mycological test	When test as specified, the test piece shall show no appreciable signs of separation at the edges of the veneers, and	-	-	-	No separation observed

28	9.1.3 , 9.1.3.1.2	Water resistance test	Adhesion of plies When test as specified, veneers shall offer appreciable resistance to separation and the fractured samples shall show some adherent fibres distributed more or less uniformly.	-	-	-	Pass Standard
29	9.1.2 , 9.1.2.2	Glue Adhesion in Dry State	Adhesion of plies The adhesion of plies shall be tested by forcibly separating the layers. The veneers shall offer appreciable resistance to separation and the fractured samples shall show some adherent fibres distributed more or less uniformly	-	-	-	Pass Standard
30	9.1.1	MOISTURE CONTENT	The moisture content of test pieces shall not exceed 15 percent nor be less than 5 percent	5.0	15.0	%	8.54
31	6.3	DIMENSIONS	Edge Squareness	-	0.2	%	0.08
32	6.3	DIMENSIONS	Edge Straightness	-	0.2	%	0.05
33	6.2	DIMENSIONS	Thickness	18.05	19.95	mm	18.71 (18.16 to 19.28 mm)
34	6.1	DIMENSIONS	Width	1220.0	1223.0	mm	1223.0
35	6.1	DIMENSIONS	Length	2440.0	2446.0	mm	2440.0
36	7.5	WORKMANSHIP AND FINISH	The finish shall be reasonably smooth and the edge of the board shall be trimmed square.	-	-	-	Satisfactory
37	7.3	WORKMANSHIP AND FINISH	The face shall be free from any patches, but on the back, patches at distances of not less than 600 mm apart shall be permissible. The maximum dimension of any one patch shall be not more than 40 mm.	-	-	-	Satisfactory
38	7.2	WORKMANSHIP AND FINISH	Sound knots of diameter 25 mm and less shall be permitted provided the centre to centre distance between any two such knots is not less than 300 mm.	-	-	-	Satisfactory

39	7.1	WORKMANSHIP AND FINISH	The face and back of the finished boards shall be free from checks, splits, gaps, blisters, harmful discolouration, any kind of decay, pleats and overlaps, insect holes, dead or loose knots and live knots whose maximum dimensions in any direction exceed 25 mm. The plywood shall be free from wrap.	-	-	-	Satisfactory
40	11.2	MARKING	The product may also be marked with the Standard Mark	-	-	-	Not Marked
41	11.1	MARKING	Each plywood board shall be legibly and indelibly marked or stamped with the following particulars along with such other marks as the purchaser may stipulate at the time of placing order: a) Manufacturer's name, initials or recognized trade-mark, if any; b) Year of manufacture; c) Abbreviations indicating the species of timber used in each ply, as indicated in col 4 of Tables 1 and 2; d) Batch number; and e) Criteria for which the plywood has been labelled as ECO-Mark.	-	-	-	Not Marked

**Sanjeev Kumar**  
**OIC Mechanical**  
 (Authorized Signatory)  
 Authorized on: 26 Nov, 2022 10:12 AM

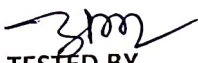

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PART D. REMARKS

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**Sanjeev Kumar**  
**OIC Mechanical**  
(Authorized Signatory)  
Authorized on: 26 Nov, 2022 10:12 AM

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ANNEXURE(IDENTIFICATION)		ENCODED CODE-22M4809/22C5F13	ULR NO. TC561622000001099F
<b>PART C TEST RESULTS</b>		<b>IS 710-2010</b>	<b>REPORT NO.-A2211023 &amp; B2211018</b>
S.NO	TESTS	DECLARED/SPECIFIED VALUE	RESULT/OBSERVATION
<b>1</b>	<b>FACE VENEER</b>		
a	SPECIES		GURJAN
b	THICKNESS		0.93 mm
c	UNIFORMITY OF THICKNESS	0.90 mm ± 5%	CONFORM
d	MOISTURE CONTENT	10% MAX.	8.65%
<b>2</b>	<b>CORE VENEER</b>		
a	SPECIES		GURJAN
b	THICKNESS	TWICE OF FACE VENEER MAX.	1.82 mm
c	UNIFORMITY OF THICKNESS	1.80 mm ± 5%	CONFORM
d	MOISTURE CONTENT	10% MAX.	8.77%
PART D:- REMARK			
<p>N.B. 1.THIS REPORT IN FULL OR PART, shall not be published, advrtised,used for any legal action,unless prior permission has been secured ED UTH.                  2. This report is onlyFOR THE SAMPLE TESTED.                  3. Sampling has not been done at our end .</p>			
 TESTED BY		 AUTHORISED SIGNATORY	



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PART B. SUPPLEMENTARY INFORMATION

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|--|----------------|
| 1. Reference to sampling procedure, wherever applicable.   | Not Applicable |
| 2. Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any. | Not Applicable |
| 3. Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.   | Not Applicable |

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**PREM KUMAR**  
**OIC Chemical**  
(Authorized Signatory)  
Authorized on: 28 Nov, 2022 09:38 AM

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## PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	9.1.8	Retention of preservative	When tested as specified shall have minimum retention of 12 kg/m3.	12.0	-	Kg/m3	13.97

**PREM KUMAR**  
**OIC Chemical**  
(Authorized Signatory)  
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PART D. REMARKS

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**PREM KUMAR**  
**OIC Chemical**  
(Authorized Signatory)  
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