Unique Test House

ULR No. : TC561622000001097F

DOC No.	: A2211022	VILLAGE:-SARSINI, PO:-LALRU, MOHALI, S.A.S Nagar, Punjab, India - 140501
Telephone	: +91 9896169971	
FAX	: -	
E-Mail	:	
BO Code	: None	

Test REPORT AS PER : IS 1659 (2004)

QR Code/Barcode : 100000326476

REPORT NO : 10378661/2022/SS/6_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 x1220 x19 mm / BWP/COM Treatment - Boric Acid -Borax Raw Material- Face Veneer- Gurjan-0.5 mm, Core Veneer- -Gurjan- 2.50 mm Core Strip (Batton)- Pine- 26 mm Width, Edge Strip- Pine- 40 mm width
d) Declare values, if any	:	N/A
e) Batch No. & Date of Manufacture	:	1/
f) Quantity	:	1 pc. board 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	:	16 Nov, 2022
m) Section Code	:	22MF9FB
n) Section Report No.	:	22MF9FB_1
o) Report Type	:	New
p) Reference Report No.	:	
q) Remarks	:	

SONIKA KAPOOR
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 28 Nov, 2022 11:17 AM

1.

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PART B. SUPPLEMENTARY INFORMATION

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

Sanjeev Kumar
OIC Mechanical
(Authorized Signatory)
Authorized on: 16 Nov, 2022 11:13 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	9.2.6 (mechanical)	Spot test - Annexure L	9.2.6 Spot TestThe preservative treatment when tested according to the method given in Annex K, at any given place after cutting across entire cross-sectional area for the width of block board shall show through and through penetration of preservative chemical.	-	-	-	Satisfactory
2	8.1.3, 6.3.3, IS 303	Visual Inspection - Permissible Defects - IS 303 [test method for COMMERCIAL type]	8.1.3 - All block boards selected as in 8.1.2 shall be inspected visually for surface defects (see 6.3.3) and if one or more block boards are found unsatisfactory, the lot shall be declared as unacceptable. 6.3.3 - Permissible defects and tolerances on thickness shall conform to IS 303 and IS 1328 for commercial and decorative veneers, respectively.	-	-	-	Satisfactory
3	7.3	Dimensional Requirements - Length - 8.1.4	mm	2440.0	2446.0	mm	2442.0
4	7.3	Dimensional Requirements - Width - 8.1.4	mm	1220.0	1223.0	mm	1223.0 (1222 to 1223 mm)
5	7.3	Dimensional Requirements - Thickness - Annexure E	mm	18.05	19.95	mm	18.49 (18.32 to 18.81 mm)
6	7.3	Dimensional Requirements - Edge Straightness - Annexure D	%	-	0.2	%	0.05
7	7.3	Dimensional Requirements - Squareness - Annexure D	%	-	0.2	%	0.12
8	7.3	Dimensional Requirements - Variation in thickness - Annexure E	variation in thickness between any two points on a block board as specified under 7.3 when tested by the method described in Annex E	-	0.5	mm	0.49
9	9.2.1	Dimensional Changes caused by humidity - Change in Length - at 90% RH - Annexure F	mm	-1.0	1.0	mm	0.08

10	9.2.1	Dimensional Changes caused by humidity - Change in Length - at 40% RH - Annexure F	mm	-1.0	1.0	mm	-0.06
11	9.2.1	Dimensional Changes caused by humidity - Change in Thickness - at 90% RH - Annexure F	mm	-1.0	1.0	mm	0.12
12	9.2.1	Dimensional Changes caused by humidity - Change in thickness - at 40% RH - Annexure F	mm	-1.0	1.0	mm	-0.07
13	9.2.1	Dimensional Changes caused by humidity - Delamination - Annexure F	There shall be no delamination at the extreme humidity ranges	-	-	-	No delamination observed
14	9.2.1	Dimensional Changes caused by humidity Change in local planeness - Annexure F	d/L < 1/150	-	0.0066	mm	0.0007
15	9.2.2	Resistance to water - Annexure G, Annexure H [For BWP grade]	9.2.2 Resistance to Water When tested according to the methods specified in 9.2.2.1 and 9.2.2.2, the block boards shall satisfy the requirements given therein. 9.2.2.1 Test specimens from BWP Grade block boards, after soaking in boiling water for 72 h and tested as in Annex F shall comply with the requirements of 9.2.3.	-	-	-	Pass Standard
16	9.2.3	Adhesion of Plies - Annexure H	The adhesion of plies shall be tested as in Annex H and the fractured surface of the specimen shall show adherent fibres of a 'pass standard'.	-	-	-	Pass Standard
17	9.2.5	Modulus of rupture - AVERAGE - Annexure K	N/mm²	50.0	-	N/mm2	52.0
18	9.2.5	Modulus of rupture - MINIMUM INDIVIDUAL - Annexure K	N/mm²	42.0	-	N/mm2	50.0
19	9.2.5	Modulus of elasticity - AVERAGE - Annexure K	N/mm²	5000.0	-	N/mm2	5956.0
20	9.2.5	Modulus of elasticity - MINIMUM INDIVIDUAL - Annexure K	N/mm2	4200.0	-	N/mm2	5596.0

Sanjeev Kumar
OIC Mechanical
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Authorized on: 16 Nov, 2022 11:13 AM

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PART D. REMARKS

Sanjeev Kumar
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Authorized on: 16 Nov, 2022 11:13 AM

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ANNEXURE(RAW MATERIAL)		ENCODED CODE- 22MD31D/22MF9FB	ULR NO.- TC561622000001096F &1097F
PART C TEST RESULTS		IS : 1659:2004	REPORT NO. A2211021 and A2211022
S.NO	TESTS	DECLARED/SPECIFIED VALUE	RESULT/OBSERVATION
1	FACE VENEER		
a	SPECIES		GURJAN
b	THICKNESS	0.50 to 1.50 mm	0.51
c	UNIFORMITY OF THICKNESS	0.50 mm ± 5%	CONFORM
d	MOISTURE CONTENT	8 to 12% Max.	9.21%
2	CROSS BAND		
a	SPECIES		GURJAN
b	THICKNESS	1.0 to 3.0 mm	2.42
c	UNIFORMITY OF THICKNESS	2.50 mm ± 5%	CONFORM
d	MOISTURE CONTENT	8 to 12% Max.	8.35%
3	CORE STRIPS		
a	SPECIES		PINE (Chir)
b	MOISTURE CONTENT	12% MAX.	9.31%
c	WIDTH	30 mm MAX.	25.07
4	EDGE STRIPS		
a	SPECIES		PINE (Chir)
b	WIDTH	45 mm Max.	40.31

PART D REMARK :

N.B. 1.THIS REPORT IN FULL OR PART, shall not be published, advertised,used for any legal action,unless prior permission has been secured ED UTH.
2. This report is only FOR THE SAMPLE TESTED.
3. Sampling has not been done at our end .

TESTED BY

UNIQUE TEST HOUSE Authorised Signatory

AUTHORISED SIGNATORY

End of Report