



# HINDUSTAAN TESTING SOLUTIONS LLP

An ISO/IEC  
17025:2017  
Accredited  
Laboratory

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## TEST-REPORT

Issued to:	Satyam Ply Industries	Job No.:	HTS/TR/24/022656
Address:	Unjha-Sidhpur Highway Near Preet Hotel Brahmanwada-384 215	Issued date:	13.01.2025
Test Report	As per IS: 2202 (P1) 2023, Amendment No. 01		

### PART A: PARTICULARS OF TEST ITEM

Sample description:	Wooden Flush Door shutters (Solid Core Type) Plywood Face Panel ( Type BN)	Sample Quantity:	One
Declared values, if any:	---	Sample Size:	1905x 762x 30 mm
Date of receipt:	15.12.2024	Sample Code No.:	---
Batch No. & Mfg date:	Lot No. 0501 & 06.11.2024	BIS seal:	NA
Any other Information/Expiry date, if any:	---	IO's Signature:	NA
Date of commencement of Testing:	15.12.2024	QR Code:	---
Date of Completion of Testing:	13.01.2025	Encoded Code:	---

### PART B: SUPPLEMENTARY INFORMATIONS

a) Reference to sampling procedure, wherever applicable	:	NA
b) Supporting documents taken and results derived graphs, tables, sketches and/or photographs as appropriate to test report, if any (To be attached)	:	NA
c) Deviation from the test methods as prescribed in relevant ISS, work Instructions, if any	:	NA

### PART C: RESULTS OF ANALYSIS

#### I. Mechanical (Wood & Wood Products)

S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
1.	<b>Flexure Test</b> a) Deflection at Maximum load b) Residual Deflection	11.5	mm mm	41.45 4.02	<Width/15 <Max. Deflection/10	IS: 4020(P6) 1998
2.	<b>Edge Loading Test</b> a) Deflection at Maximum load b) Residual Deflection c) Lateral Buckling during loading d) Residual Lateral Buckling after removal of load	11.6	mm mm mm mm	4.07 0.36 1.12 No residual lateral buckling observed	5 (Max.) 0.5 (Max.) 2 (Max.) Shall be no residual lateral buckling observed	IS: 4020(P7) 1998

Terms & Conditions: 1. The above results relate only to the item tested. 2. Sample(s) is/are not drawn by Hindustaan Testing Solutions LLP. 3. Total liability of Hindustaan Testing Solutions LLP is limited to invoiced amount. 4. The Test-Report is not reproduced wholly or in part and cannot be used as in court of law; should not be used as evidence in the court. 5. Hindustaan Testing Solutions LLP is an NABL accredited laboratory vide certificate number TC-7509 and BIS approved laboratory.

*Den*  
Analyst

*Rakesh*  
Rakesh Kumar  
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S. No.	Test Parameter(s)	IS Clause	Unit	Result(s)/ Observation (s)	Specified Values/ Tolerance	Test Method
3.	<b>Shock Resistance Test</b> a) When tested in accordance with Clause 2.1 of IS 4020 (Part-8) b) When tested in accordance with Clause 3.1 of IS 4020 (Part-8)	11.7	---	No visible damage observed No permanent deformation and deterioration observed	Shall be no visible damage Should with stand without any significant permanent deformation and deterioration	IS: 4020(P8) 1998
4.	<b>Buckling Test</b> a) General Effect b) Deflection at Maximum Load c) Residual Deformation	11.8	--- mm mm	No abnormal defect seen 46.28 3.90	Shall have no abnormal defect 50 (Max.) 5 (max.)	IS: 4020(P9) 1998
5.	<b>Misuse Test</b>	11.10	---	No permanent deformation observed	Shall not be any permanent deformation	IS: 4020(P11) 1998
6.	<b>Varying Humidity Test</b> a) Visual Observation b) Departure from General Planeness c) Recovery of the original size	11.11	--- mm %	No visible warping, twist or delamination observed 0.30 94	Shall not be any visible warping, twist or delamination 1.0 (Max.) 90 (Min.)	IS: 4020(P12) 1998

PART D: REMARKS: ---

-----End of Report-----

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