



राष्ट्रीय परीक्षण शाला (प.क्षे.) मुंबई
National Test House (W. R.) Mumbai
015517



GOVERNMENT OF INDIA
NATIONAL TEST HOUSE
F-10 MIDC, ANDHERI (E), MUMBAI-400 093.

Phone : 022-28327276
FAX : 022-28341767
E-mail : nthwr@mtnl.net.in
Website : http://nth.nic.in

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TEST CERTIFICATE

Test Certificate No: BTH/PCE/2010/251

Date of Issue: 13.12.2010

Code No.

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1. Issued to (Name and address of the organisation) : M/s. Jawahar Saw Mills (P) Ltd.,
47, Victoria Road,
Mustafa Bazar,
Mumbai – 400 010
2. Party's Ref. No. : Letter No. Nil,
Dtd. 21.10.2010
3. Description of the test item : Flush Door Tubular Core – PEFC Certified
4. Identification of the test item : ---
5. Date of receipt of test Item : 22.10.2010
6. Identification of Test Method : IS : 2202(Pt-1) – 1999
7. Sampling Procedure where relevant : N.A.



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Test Results of Flush Door Shutter:

1	Construction and Finish:	All the four edges of the door shutter are square. Both the faces of the door shutter are smooth with even texture		
2	Dimension and Squareness (mm)			
	a) Height	2140 mm		
	b) Width	918 mm		
	c) Thickness	34.37 mm		
	d) Max. variation in Thickness	0.4 mm		
	e) Squareness	0.125 mm		
3	General Flatness			
	a) Twist	Nil		
	b) Warping f_1	Nil		
	f_2	Nil		
	c) Cupping f_3	Nil		
	f_4	Nil		
4	Local Planeness maximum depth of deviation	0.43 mm	Satisfactory	
5	Impact indentation (depth of Indentation)			
	• Side - 1	Practically Nil	Satisfactory	No defects such as cracking, tearing or delamination have been observed
	• Side - 2	Practically Nil	Satisfactory	
6	Flexure Test			
	• Maximum deflection	10 mm	Satisfactory	
	• Residual deflection	1 mm	Satisfactory	
7	Edge Loading Test			
	• Deflection at maximum load(mm)	2	Satisfactory	No lateral buckling was observed
	• Residual deflection	0	Satisfactory	No lateral buckling was observed
8	Shock Resistance Test			
	• Soft and light body Impact	Satisfactory		No visible damage in any part of the door has been observed.
	• Soft and Heavy body Impact	Satisfactory		No visible damage in any part of the door has been observed.
9	Buckling Resistance Test			
	• Maximum deflection	31 mm	Satisfactory	No deterioration has been observed
	• Residual deflection	1 mm	Satisfactory	No deterioration has been observed



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10. Slamming Test	Satisfactory	No visible damage in any part of the door has been observed
11. Misuse Test	Satisfactory	No permanent deformation of the fixing or any other part of the doorset has been observed
12. End Immersion Test	Satisfactory	No delamination at end of the test has been observed.
12. Glue Adhesion Test	Satisfactory	No delamination at end of the test has been observed.
13. Knife Test	Excellent	-----
14. Screw Withdrawal Test		No delamination or extra chipping at the points of withdrawal have been observed
• Max load to withdraw the screw completely(N)	1111	

Remarks : The sample conforms to the requirements of IS: 2202(Pt-1) -1999 for Wood Flush Door Shutter (Solid Core Type) in respect of the tests carried out.

Tested by

(Parneria S.M.)
Scientific Officer (Civil)

Checked & Approved by

(Smt. S.A. Kaushil)
Scientist SD

Note

1. This test certificate or report may not be published for commercial purposes except in full, unless permission for the publication of an approved abstract has been obtained from the Director, National Test House, Andheri (E), Mumbai.
2. This Test Certificate applies only to sample tested as mentioned in the "PRESS NOTE" shown at Page (v) in the Govt. of India Publication 'Schedule of Testing Charges levied by 'National Test House and related information'