



हिन्दुस्तान परीक्षण शाला HINDUSTAN TEST HOUSE



Laboratory : 80, Industrial Area, Phase-I, Ambala Cantt - 133 001 (Haryana)
Phone : 0171-2698089, 07876399888 • E-mail : hindustaanesthouse@gmail.com
Website : www.hindustantesthouse.com
Postal Address : 79-A, Model Town, Yamuna Nagar - 135001 (Haryana)

Certificate No. :
T-1737

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TEST REPORT

Issued to: FSD Building Materials Pvt Ltd **Job No.:** HTH/TR/17/120511
Address: Plot No.7,Khasara No.132/10/2
Ranholla Road, Mundka Village
Delhi-110041 **Issued date:** 02.01.2018

PARTICULARS OF TEST ITEM

Sample description: Fire Retardant Plywood(Brand-Kingdom Plywood, Associate Brand-Silver BWR) **Sample Quantity:** One
Sample Size: 2440 x 1220 x 19mm
Date of receipt: 05.12.2017 **Mfg date:** ---
Batch No: --- **Date of Testing:** 02.01.2018

RESULTS OF ANALYSIS

S. No.	Test Parameter(s)	Unit	Result(s)	Specified Values	Test Protocol(s)
1.	Dimensions a) Length b) Width c) Thickness d) Edge Straightness e) Squareness	mm mm mm % %	2441(+1) 1222(+2) 19.31(+1.63%) 0.07 0.13	+6, -0 +3, -0 ± 5 % 0.2 (Max.) 0.2 (Max.)	IS: 5509-2000
2.	Moisture Content	%	7.54	Upto 20	IS: 1734 (P-1) 1983
3.	Fire Resistance a) Flammability Test b) Flame Penetration Test c) Rate of Burning Test	m, s m, s m, s	39 m 18.7 s 57m 24.1 s 39 m 56.7 s	30 (min.) $\frac{15}{6} \times \text{thickness}$ (min.) 30 (min.)	IS 5509-2000 IS: 1734 (P-3) 1983
4.	Glue Adhesion Test a) Water Resistance Test	---	Pass Standard	Shall be min. Pass Standard	IS 5509-2000 IS: 1734 (P-4) 1983
5.	Static Bending Strength a) Modulus of Elasticity I. Along the grain direction i. Average ii. Minimum, individual	N/mm ²	5217.23 5036.20	5000 (Min.) 4500 (Min.)	IS: 1734 (P-11) 1983

Rajesh
Analyst

Rakesh Kumar
Authorized Signatory
Analyst
HINDUSTAN TEST HOUSE
INDUSTRIAL AREA, AMBALA CANTT., HARYANA

- Note :
1. The above Results relate only to the item tested.
 2. Samples are not drawn by Hindustaan Test House.
 3. Total liability of Hindustaan Test House is limited to invoiced amount.
 4. The Test-Report is not to be reproduced wholly or in part and cannot be used as in court of Law and should not be used as evidence in the court.
 5. Hindustaan Test House is an NABL accredited and BIS approved laboratory



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Address: Plot No.7,Khasara No.132/10/2 Ranholla Road, Mundka Village Delhi-110041	Issued date: 02.01.218

S. No.	Test Parameter(s)	Unit	Result(s)	Specified Values	Test Protocol(s)
	II. Across the grain direction				
	i. Average		4306.61	2500 (Min.)	
	ii. Minimum, individual		4148.49	2200 (Min.)	
	b) Modulus of Rupture	N/mm ²			
	I. Along the grain direction				
	i. Average		42.47	40 (Min.)	
	ii. Minimum, individual		40.44	36 (Min.)	
	II. Across the grain direction				
	i. Average		35.73	20 (Min.)	
	ii. Minimum, individual		33.98	18 (Min.)	

----- Specified values as per IS: 5509-2000 -----

Rajneesh
Analyst

Rajneesh
Authorized Signatory
ANALYST
KUMAR
ANALYST
HINDUSTAN TEST HOUSE
INDUSTRIAL AREA, AMBALA CANTT, HARYANA

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