

TEST REPORT

Test Report Issued To:

GREENPLY INDUSTRIES LIMITED.

VILLAGE-KRIPARAMPUR,
PO-SUKHDEVPUR, DIST-SOUTH24, PARGANAS, WEST
BENGAL, INDIA, 743503,

Test Report No: N180706009/N180706009-1

Date of Issue: 12-Jul-2018



Sample Booking/Receipt Date: 06-Jul-2018

Date of Start of Testing: 07-Jul-2018

Date of Completion of Test: 12-Jul-2018

Customer Relationship Number 50213

Sample Description :

300MM x 300MM x 12MM BRAND-GREEN DEFENDER FIRE
RETARDANT PLYWOOD



Customer Reference No :

WO/PO No:

Kind Attention :

E-Mail: kirparampur@greenply.com

Contact No:

Sample Condition :

Sample Quantity (Approx) :

Sample Size (Approx) :

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued by

Authenticity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

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PLY-WOOD

<u>S.No.</u>	<u>Test Parameters</u>	<u>Observed Value</u>	<u>Test Method</u>	<u>Requirements as per IS: 710-2010</u>	<u>Conformity</u>
1.	Thickness	12.36	IS: 710-2010	± 5 % Max.	Yes
2.	Moisture Content, %	5.3	IS:1734 (Pt-1)1983	5 to 15	Yes
3.	Dry Glue Shear Strength, (Load in Newton)				
	-Average	2360	IS:1734 (Pt-4)1983	1350	Yes
	-Individual	1925		1100	Yes
4.	Resistance to Water	Passes the test	IS:1734 (Pt-6)1983	The veneer shall offer Appreciable resistance to separation and fractured sample shall show some adherent fibre	Yes
	Adhesion to Plies				
5.	Tensile Strength, N/mm ²				
	-Parallel to grain direction	53.6	IS:1734 (Pt-9)1983	42.0	Yes
	-Right angle to grain direction	36.2		25.0	Yes
-Sum of tensile strength in both direction	89.8	84.5		Yes	


Analyst Signature



Authorised Signatory

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6.	Static Bending Strength, N/mm ² (Along the face grains)				
	-Modulus of rupture, N/mm ²				
	- Individual	47.5	IS:1734 (Pt-11)1983	45.0 Min	Yes
	- Average	52.3		50.0 Min.	Yes
	-Modulus of elasticity, N/mm ²				
	- Individual	6815.2		6700 Min	Yes
- Average	7658.5		7500 Min.	Yes	
7.	Adhesion to Plies	Passes the test	IS:1734 (Pt-5)1983	The veneer shall offer Appreciable resistance to separation and fracured sample shall show some adherent fibre	Yes
8	Wet Bending Strength, N/mm ² (Along the face grains)				
	-Modulus of rupture, N/mm ²				
	- Individual	24.3	IS:1734 (Pt-11)1983	22.0 Min	Yes
	- Average	27.8		25.0 Min.	Yes
	-Modulus of elasticity, N/mm ²				
	- Individual	3586.3		3400 Min	Yes
- Average	3900.1		3750 Min.	Yes	

-- End of Test Report --

*******END OF REPORT*******




Analyst Signature

Authorised Signatory