



TRIBECA PANEL INDIA LLP

IN-HOUSE TECHNICAL REPORT

PLYWOOD FOR GENERAL PURPOSE

DATE :- 13-04-2025

SAMPLE DETAIL

PRODUCT:-	PLYWOOD
GRADE:-	MR
BRAND:-	ALTIMATE
DIMENSION:-	2440 X 1220 X 18MM (8 X 4)
TYPE:-	AA
BATCH NO:-	TPLLP-042513

S.N.	TYPE OF TEST	STANDARD VALUE (AS PER IS:303)	IN-HOUSE TEST RESULT	REMARKS
1	DIMENSION	LENGTH- +6/-1	2442	PASS
		WIDTH+3/-1	1222	
		THICKNESS:+/- 5%	17.90MM TO 18.10MM	
2	MYCOLOGICAL TEST ADHESION OF PLIES	(a)Show no appreciable signs of separation at the edges of the veneers (b)AVERAGE: 1000N EXCELLENT & MIN.PASS STANDARDS	SATISFACTORY 1115 EXCELLENT	PASS
3	EDGE STRAIGHTNESS	NOT MORE THAN 0.20%	0.16%	PASS
4	EDGE SQUARENESS	NOT MORE THAN 0.20%	0.09%	PASS
5	MOISTURE CONTENT	05-15%	10%	PASS
6	TERMITE & BORER RETARDANCY	AS PER CLAUSE OF GRAVEYARD TEST ONE YEAR	ADEQUATE TREATMENT NO ATTACK	PASS
7	F.R TEST	(AS PER IS:5509)	31 MIN	PASS
8	GLUE SHEAR STRENGTH-DRY STATE			
	INDIVIDUAL	800N	1165N	PASS
	AVERAGE	1000N	1241N	
	GLUE SHEAR STRENGTH-WET STATE			
INDIVIDUAL	650N	915N	PASS	
	AVERAGE	800N	1230N	
9	ADHESION OF PLY	NO DELAMINATION	NO DELAMINATION EXCELLENT BONDING	PASS
STATIC BENDING STRENGTH IN(N)				
10	MODULUS OF RUPTURE(MOR)			
	ALONG THE GRAIN- INDIVIDUAL	26	35	PASS
	AVERAGE	23	30	
	ACROSS THE GRAIN-INDIVIDUAL	17	26	
	ACROSS	15	21	
MODULUS OF ELASTICITY(MOE)				
11	ALONG THE GRAIN- INDIVIDUAL	3400	5090	PASS
	AVERAGE	3100	3450	
	ACROSS THE GRAIN-INDIVIDUAL	2300	2745	
	ACROSS	2100	2540	
12	WATER RESISTANCE TEST (3 CYCLE TST AT 65 DEG.)	NO LAYER DELAMINATION	NO DELAMINATION- EXCELLENT BONDING	PASS

PRODUCT TESTED AT OUR IN-HOUSE LAB FOUND SATISFACTORY RESULT & PASSED TO IS:303

CHIEF CHEMIST

SIGNATURE

GENERAL MANAGER
FOR TRIBECA PANEL