

Laboratory	Gujarat Test House, Plot No.292, Road No.4, GIDC Kathwada, Ahmedabad, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	17.12.2013
Certificate Number	T-0670	Valid Until	16.12.2015
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. BUILDING MATERIALS				
1.	PLYWOOD (General Purpose)	Moisture Content	IS: 1734 (P1)-1983	0-30%
		Dimension and Tolerances	IS: 303 CL.8- 1989	10mm – 3000mm
		Workmanship and Finish	IS: 303 CL.9 - 1989	Visual
2.	PLYWOOD (Marine)	Moisture Content	IS: 1734 (P1)-1983	0-30%
		Adhesion of Plies	IS: 710 CL 8.1.3.2 – 2010	Visual
		Dimension and Tolerances	IS: 710 CL 5 & 6 - 2010	10mm – 3000mm
		Workmanship and Finish	IS: 710 CL 7 - 2010	Visual
3.	BLOCK BOARD	Adhesion of Plies	IS: 1659 Annx H - 2004	Visual
		Resist. to Water	IS: 1659 Annx F 2004	Visual
		Modulus of Rapture	IS: 1659 CL9.2.5 -2004	15 to 80 N/mm ²
		Dimension and Tolerances	IS: 1659 CL 7 -2004	10mm – 3000mm
4.	DECORATIVE THERMOSETTING SYNTHETIC RESING BONDED LAMINATED SHEETS	Resistance to immersion in Boiling Water	IS: 2046 Annx D-1995	0.1 to 120%
		Resistance to dry heat	IS: 2046 Annx E-1995	Visual
		Resistance to cracking	IS: 2046 Annx K-1995	Visual
		Resistance to staining	IS : 2046 Annx M-1995	Visual

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	DECORATIVE THERMOSETTING SYNTHETIC RESIN BONDED LAMINATED SHEETS	Resistance to cigarette burn	IS : 2046 Annx P-1995	Visual
		Resistance to steam	IS : 2046 Annx T-1995	Visual
		Resistance to crazing	IS : 2046 Annx W-1995	Visual
		Moisture Resistance	IS : 2046 Annx Y-1995	0-30%
		Thickness	IS : 2046 CL 5.3-1995	0.01 to 5.0 mm
		Length and Width	IS : 2046 CL 5.4.6-1995	10mm – 3000mm
		Straightness	IS : 2046 CL 5.4.7-1995	0.01 to 5.0 mm
		Squareness	IS : 2046 CL 5.4.8-1995	0.01 to 5.0 mm
5.	VENEERED DECORATIVE PLYWOOD	Moisture Content	IS : 1734 P1-1983	0-30%
		Water Resistance	IS : 1328:1996, CL 11.1.2	Visual
		Dimension and tolerances	IS : 1328:1996 CL 8	10mm – 3000mm
6.	PLYWOOD CONCRETE SHUTTERING WORK	Moisture Content	IS : 1734 P1-1983	0-30%
		Adhesion of plies	IS : 1734 P5-1983	Visual
		Dimension and tolerances	IS : 4990-1993 CL 7	10mm – 3000mm

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7.	PARTICLE BOARDS/ MEDIUM DENSITY FIBER BOARDS / PRELAMINATED PARTICLE BOARDS/ PRELAMINATED MDF	Density	IS : 2380 P3-1977	50 to 1600 kg/m ³
		Moisture Content	IS : 2380 P3-1977	0 to 30%
		Water Absorption Test	IS : 2380 P16-1977	1 to 90%
		Dimension and Tolerances	IS : 12049-1987	10mm to 3000mm
		Resistance to Steam	IS: 12823-1990/ IS: 14587 Annx C-1998	Visual
		Resistance to Cracking	IS: 12823-1990/ IS: 14587 Annx D -1998	Visual
		Resistance to Cigarette Burn	IS : 12823-1990/ IS: 14587 Annx E-1998	Visual
	Resistance to Stain	IS : 12823-1990/ IS: 14587-1998 Annx F	Visual	
8.	FIBER BOARDS	Density	IS : 1658 Annx A- 2006	50 to 1600 kg/m ³
		Dimension And Tolerance	IS : 1658 Annx A-2006	10mm to 3000mm
		Water Absorption Test	IS : 1658 Annx B-2006	1 to 90%
9.	FLUSH DOOR SHUTTER	End Immersion Test	IS : 4020- P13-1998	Visual
		Dimension And Squareness	IS : 4020- P2 -1989	10mm to 3000mm
		General Flatness	IS : 4020- P3-1998	0.1 to 10mm
		Impact Indentationtest	IS : 4020- P5-1998	0.1 to 10mm
		Edge Loading Test	IS : 4020- P7-1998	0.1 to 10mm

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	FLUSH DOOR SHUTTER	Shock Resistance Test	IS : 4020- P8-1998	Visual
		Buckling Test	IS : 4020- P9 1998	1 to 100mm
		Misuse Test	IS : 4020- P111998	Visual
		Varying Humidity Test	IS : 4020- P12-1998	0.01 to 10mm
		Glue Adhesion Test	IS : 4020- P15-1998	1 to 150mm
		Screw Withdrawal Resistance Test	IS : 4020- P16-1998	10 to 5000N
		Local Planess Test	IS : 4020 P4 -1998	0.01 to 5.0 mm
		Slamming Test	IS : 4020 P10-1998	Visual
		Flexure Test	IS : 4020 P6-1998	0.1 to 100mm
		Knife Test	IS : 4020 P14 -1998	Visual

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