

FLEXIBLE PLYWOOD (MR / BWR)



The aura of a Solitaire imparts magic touch to its holder. That touch, in turn, liberates the freedom, expression and character of the soul. Garnet Flexy is a matchless product offered to supplement the creative aspirations of furniture lovers. A promising product, especially for furniture makers, with magical abilities, it can mould and bend to take any shape with great ease. It does not clip, crack, peel or gets stained while bending, enabling craftsmen to pursue their innovative visions.

Available in MR / BWR grades as well as various sizes of sheets, it can be bent by hand. It does not require any special equipment to bend, fabricate or laminate, making easy to use and handle. A small radius up to 25 mm can be achieved, making it a wonder product, right and proper for all kinds of shapes. Garnet Flexy, furnishes it touch to creative freedom and expression of its lovers.

TECHNICAL SPECIFICATIONS (IS: 303)

S.No.	Test	ISI Requirement		Observed Value	
1	Moisture Content	5% - 15%	8%		
2	Dimension	Length +6mm, Width +3mm Thickness ->6mm +5%, <6mm +10%		Within limit	
3	Sp. Gravity	>7			
4	Resistance to Water	3 cycle 3Hrs. At 60+-2C		No de-lamination	
5	Mycological Test	3 weak		No de-lamination	
6	Adhesion of plies	Minimum Pass, Excellent, Poor		Excellent	
7	Static Bending Strength				
a.	MOE- Parallel				
	Average	Not Less Than	4000 N/mm ²	5000 N/mm ²	4500 N/mm ²
	Individual	Not Less Than	3600 N/mm ²	4500 N/mm ²	4100 N/mm ²
b.	MOE-Perpendicular				
	Average	Not Less Than	2000 N/mm ²	2500 N/mm ²	2500 N/mm ²
	Individual	Not Less Than	1800 N/mm ²	2200 N/mm ²	2100 N/mm ²
c.	MOR-Parallel				
	Average	Not Less Than	30 N/mm ²	40 N/mm ²	35 N/mm ²
	Individual	Not Less Than	27 N/mm ²	36 N/mm ²	31 N/mm ²
d.	MOR-Perpendicular				
	Average	Not Less Than	15 N/mm ²	20 N/mm ²	19 N/mm ²
	Individual	Not Less Than	13 N/mm ²	18 N/mm ²	15 N/mm ²

Standard Sizes (In feet)

8x4, 8x3, 8x2½, 7x4, 7x3, 7x2½,
6x4, 6x3, 6x2½, 5x4, 5x3, 5x2½

Standard Thicknesses (In mm)

3, 4, 6, 9, 12, 16, 19, 25

Quadro^{x4}
Pressed
Technology that makes
the Core Better, Four times More

HIGH PRECISION
CALIBRATION
Equal at Every Corner and Surface

Also available in

GURJAN
EXCELLENT STRENGTH AND DURABILITY

BORER
PROOF

TERMITE
RESISTANT

* Approved by BIS

* Member of IGBC

* Approved

GARNET[®]
PLYWOODS
Born Bold

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