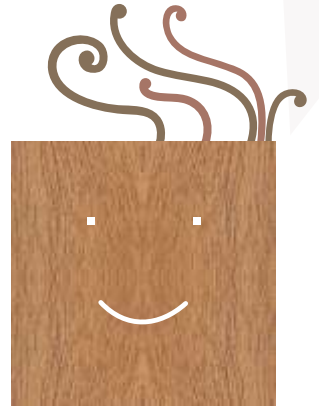


# TOUGH Titans

## MOISTURE RESISTANT (MR)PLYWOOD



Solitaire is priceless even if it looks simple. Actually nature enriches them in the warm fold with the beauty of nostalgic times. Like this, Garnet makes plywood from superior quality handpicked hard wood timber, searched with the consent of mother earth and forest.

Its simplicity speaks.

Sliced and cut into veneers with the most modern and advanced machinery, Garnet Plywood is a marvel. Its bonding is with the highly integrated UF Resin element which makes it immortal in all aspects. Compression with HOT hydraulic presses under high pressure and temperature attributes the desired flexibility with power to give supreme creation of its kind.

### 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%	With in 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 <sup>2</sup>	4500 N/mm <sup>2</sup>
	Individual	Not Less Than 3600 N/mm <sup>2</sup>	4100 N/mm <sup>2</sup>
b.	MOE-Perpendicular		
	Average	Not Less Than 2000 N/mm <sup>2</sup>	2500 N/mm <sup>2</sup>
	Individual	Not Less Than 1800 N/mm <sup>2</sup>	2100 N/mm <sup>2</sup>
c.	MOR-Parallel		
	Average	Not Less Than 30 N/mm <sup>2</sup>	35 N/mm <sup>2</sup>
	Individual	Not Less Than 27 N/mm <sup>2</sup>	31 N/mm <sup>2</sup>
d.	MOR-Perpendicular		
	Average	Not Less Than 15 N/mm <sup>2</sup>	19 N/mm <sup>2</sup>
	Individual	Not Less Than 13 N/mm <sup>2</sup>	15 N/mm <sup>2</sup>

### 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



- \* Approved by BIS
- \* Member of IGBC
- \* Approved



From the house of:

**GARNET VENEER AND DECORS LIMITED**

garnet.1099@gmail.com | www.garnetply.com

