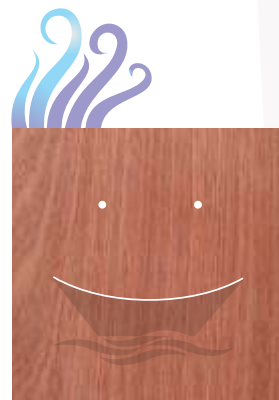


VIBRANT Winner

MARINE PLYWOOD

MARINE GRADE (BOILING WATER PROOF)



Enchantment of a Solitaire increases many fold when it establishes the quality of the endurance. It is clearly visible in facing diverse and acute climatic conditions – hot, cold, dry and wet and so on. Marine Plywood from Garnet is perfect on this scale. It's a very versatile and strong product. It is manufactured using the highest quality veneers and crafted to give high quality wood in which defects have been graded out.

The elimination of core gaps while cutting makes the wood better than any solid wood with ability to withstand alternate drying – wetting and changes in temperature. Bonding with highly integrated resin gives immeasurable firmness to this plywood. The special permanent preservative resin treatment by Vacuum Pressure Impregnation done with a minimum retention of 12kg/m³, as specified by ISI, makes Marine Plywood invincible against insects and deadly aquatic organisms.

TECHNICAL SPECIFICATIONS (IS:710)

S.No.	Test	ISI Requirement	Observed Value
1	Moisture Content	5% - 15%	8%
2	Dimension	Length +6mm, Width +2mm Thickness ->6mm +5%, <6mm +-10%	With in limit
3 a.	Glue Adhesion in Dry State Glue Shear Stength Min. Average	Shall be not less than 1350N	1420N
b.	Min. Individual Adhesion of Plies (knife test)	Shall be not less than 1100N Minimum Pass, Excellent, Poor	1170N Excellent
4 a.	Water Resistance Test Glue Shear Stength Min. Average	72 Hrs. Boiling at 100C	No Delamination
b.	Min. Individual Adhesion of Plies (knife test)	Shall be not less than 1000N Shall be not less than 800N Minimum Pass, Excellent, Poor	1120N 1010N Excellent
5 a.	Tensile Strenght Parallel	Shall be not less than 42.0 N/mm ²	54.12 N/mm ²
b.	Perpendicular	Shall be not less than 25.0 N/mm ²	32.21 N/mm ²
c.	Sum of Tensile Strength	Shall be not less than 84.50 N/mm ²	86.33 N/mm ²
6 a.	Static Bending Strength MOE- Parallel Average	Not Less Than 7500 N/mm ²	8500 N/mm ²
b.	Individual MOE-Perpendicular Average	Not Less Than 6700 N/mm ²	7800 N/mm ²
c.	Individual MOR-Parallel Average	Not Less Than 4000 N/mm ²	4600 N/mm ²
d.	Individual MOR-Perpendicular Average	Not Less Than 3600 N/mm ²	4100 N/mm ²
	Individual MOR-Perpendicular Average	Not Less Than 50 N/mm ²	58 N/mm ²
	Individual MOR-Perpendicular Average	Not Less Than 45 N/mm ²	52 N/mm ²
	Individual MOR-Perpendicular Average	Not Less Than 30 N/mm ²	36 N/mm ²
	Individual MOR-Perpendicular Average	Not Less Than 27 N/mm ²	32 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

From the house of:

GARNET VENEER AND DECORS LIMITED

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