

HERCULEAN Hold

7 LAYER BLOCK BOARD (MR / BWP)



Every Solitaire is composed of power and timelessness. But a few are Hercules in respect of their towering power. Garnet has introduced a macho Block Board with unmatched strength and great durability for powerful needs. Garnet has provided India this unique 7 layer Block Board, and because of its superior balance construction and incredible strength it is unmatched to any other board in the whole nation. Seasoned to meet both interior and exterior needs, its flexibility and toughness is unparalleled.

Treated with both PF & UF Resins, the boards are powerful enough to provide resistance to termite and other wood destroying elements.

TECHNICAL SPECIFICATIONS (IS:1659)

S.No.	Test	ISI Requirement	Observed Value	
1	Manufacture			
a.	Width of Beat	Not more than 30 mm	28mm	
b.	Width of Rail (Frame)	May be upto 45 mm	46mm	
c.	Moisture(Beats&Rail)	Between 8 to 12 %	8.20%	
2	Dimension	Length +6mm, Width +3mm Thickness -> +5 %, Squareness & Edge Straightness - 2mm per 1000mm,	With in limit	
3	Mycological Test	3 Weak	No de-lamination	
4	Resistance to Water	BWP-6Cycle 8Hrs. At 100C	No de-lamination	
5	Adhesion of Plies	Minimum Pass, Excellent, Poor	Excellent	
6	Dimensional changes caused by Humidity	Difference in Length = +- 1mm Difference in Thickness = +- 1mm Difference in Length = +- 1mm Difference in Thickness = +- 1mm Shall be d/l <1/50	MR	BWP
a.	At 90+-5 % R.H & 27+-2C Temp.		0.39mm	0.35mm
b.	At 45+-5 % R.H & 27+-2C Temp.		0.22mm	0.20mm
c.	Local Planeness		0.0011mm	0.0015mm
7	Modulus of Elasticity (MOE)			
	Average	MR	BWP	
	Individual	Not Less Than 4000 N/mm2 Not Less Than 3400 N/mm2	Not Less Than 5000 N/mm2 Not Less Than 4200 N/mm2	4800 N/mm2 4100 N/mm2
8	Modulus of Rupture (MOR)			
	Average	MR	BWP	
	Individual	Not Less Than 40 N/mm2 Not Less Than 34 N/mm2	Not Less Than 50 N/mm2 Not Less Than 42 N/mm2	46 N/mm2 42 N/mm2

Standard Sizes (In mtr)

All standard sizes.

Standard Thicknesses (In mm)

19 and 25.

Standard Grade

MR & BWP grades.

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

PINE

India's First Manufacturer of
**7 LAYER
BLOCK
BOARD.**

**BORER
PROOF**

**TERMITE
RESISTANT**

★ Approved by BIS

★ Member of IGBC

★ Approved

GARNET
PLYWOODS
Born Bold

From the house of:

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