

BLOCK BOARD

IS:1659



Northern Block Boards are made in Moisture Resistant & Boiling Water Resistant Grade, duly bonded with Melamine Urea Formaldehyde & Fortified Phenol Formaldehyde Synthetic Resin respectively.

Northern block board is a premium quality board with high resistant properties against borer and termite attacks. All the three components of this block board i.e. Face Veneer, Core Veneer & wooden battens are well matched. The wooden battens are thoroughly seasoned in scientifically run seasoning kiln plants and then cut with great precision to obtain uniform thickness.

These battens are systematically arranged and utmost care is taken to avoid any extra gap between the battens. Regular test are conducted to maintain the quality of block boards as per the standards of IS: 1659.

TECHNICAL SPECIFICATIONS (IS:1659)

	TEST	ISI REQUIREMENT	Observed Value
1	Dimensional Changes caused by Humidity		
a)	Changes, mm from 65% RH to 90% RH	+ 1mm Max	+ 0.50 mm
	from 65% RH to 40% RH	- 1mm Max.	- 0.55 mm
b)	Local Planeness	< 1/150	< 1/175
c)	At the extreme range of humidity	No de-lamination at the extreme range of humidity	No de-lamination observed
2	Adhesion of the plies	Minimum pass standard	Excellent
3	Resistance to water (72 hours boiling)	No de-lamination after 72 hours boiling	No de-lamination
4	Resistance to Micro organisms	No appreciable sign of separation at edges.	No separation at edges
5	Modulus of Elasticity	Min. 5000 N / sq.mm	6050 N / sq.mm
6	Modulus of Rupture	Min. 50 N / sq.mm	61 N / sq.mm

Suggested uses: Furniture and partitions, panels, beaded doors, interiors of portable houses, bins, racks. Where panels of higher thickness with greater bending resistance is required.



Pine Wood Block Board

Northern pine wood block board is a special quality block board which is manufactured with the imported pine wood battens and frame. All pine wood battens and frames are seasoned at constant moisture of 5% to make the boards free from warping and twisting. The pine wood is itself immune to borer and termites, the boards are again treated with termite borer chemical to make it more protected against termite and borer.

