

EVEREST MULTIPURPOSE FIBRE CEMENT BOARD

TECHNICAL DATA SHEET

DESCRIPTION	UNIT	STANDARDS	VALUE
Apparent Density	Kg/m ³	ASTM C 1185	>1200
Minimum Modulus of Rupture (MOR): (at EMC)	Mpa	ASTM C 1185	10.35 Along Grain
			21.34 Across Grain
Minimum Modulus of Rupture (MOR): (In wet conditions)	Mpa	ASTM C 1185	7.17 Along Grain
			14.55 Across Grain
Adhesion/Lamina Bond Strength	Mpa	ASTM D 1037	0.9 - 1.0
Direct Screw Withdrawal Strength	N	ASTM D 1037	1293
Thermal Conductivity at 50 ^o C (mean temperature)	W/mK	ASTM C 518	0.0872
Linear coefficient of thermal expansion	mm/mm/ ^o C	ASTM C 696	7.43 x 10 ⁻⁶
pH value			8 - 9
Moisture Content (at EMC)			6 to 8%

Early Fire Hazard Indices as per AS-1530 part III	
PROPERTY	RESULT
Ignition Index	0*
Ignitability	0*
Heat Evolved Index	0*
Flame Spread Index	0*
Smoke Developed Index	0*

Resistance to Fire as per BS-476	
PROPERTY	RESULT
Combustibility	non combustible as per BS 476 Part IV
Ignitability	Class "P"-not easily ignited, as per BS 476 Part V
Fire Propagation Index	Passes as per BS 476 Part VI
Surface Spread of flame	Class - 1, as per BS 476 Part VII

Everest Industries Limited

Genesis A 32 Mohan Cooperative Industrial Estate Mathura Road New Delhi 110 044 India
Tel +91 11 41731951/52 Fax +91 11 46566370 Helpline 09958037777 info@everestind.com www.everestind.com

Regd. Office GAT No. 152 Lakhmapur Taluka Dindori Nashik 422 202 Maharashtra Tel +91 2557 250375/462 Fax +91 2557 250376