



**Greenland**





Create, experiment and  
adapt to a new world

## Certificate of Registration







# About Us

Greenland Particle Boards Pvt. Ltd. is one of the best and leading manufacturers of wood based pre-lam particle boards in India. Our company which was incorporated in 2010 started its commercial production in the year 2015. Since then, persistent strive for improvement and growth has kept its name alive and kicking in the ever growing and competitive wood industry.

The mother board production facility has an installed capacity of 150 CBM per day and the lamination facility has a capacity of producing 7000+ boards per day . Our exclusive premium plus grade (high density, E1 grade) boards have well-set a benchmark in regards to technical parameters and product quality which even the biggest names in the market finds hard to match. Our wide range of more than 270 pre-lam shades have made us a favorite for many furniture manufacturers.

More than 200 employees enthusiastically work in unison at our factory to deliver the best in terms of products and services. Only a great team can achieve great heights!



## PRODUCT SPECIFICATIONS



### Particle Boards

Pre-laminated Particle boards

**E1 & E2 GRADES AVAILABLE**

THICKNESS	SIZE Ft.
9MM	8X4
12MM	8X4
15MM	8X4
17MM	8X4
25MM	8X4

### Premium Plus Boards

Pre-Laminated Boards

**E1 & E2 GRADES AVAILABLE**

THICKNESS	SIZE Ft.
15MM	8X4
17MM	8X4

### Filler Boards

THICKNESS	SIZE Ft.
24MM	8X4
24.5MM	8X4
25MM	8X4
26MM	8X4
29MM	8X4
32MM	8X4



## PLAIN PARTICLE BOARD (SIZE : 2440MM X 1220MM X 17 MM)

SL. NO.	TEST PROPERTIES	SPECIFICATION AS PER IS: 3087 – 2005 GRADE - II	GREENLAND PARTICLE BORDS PVT. LTD.
1	DENSITY ( KG/M3, VARIATION ±10%)	500-900 Kg/m3	707 Kg/m3
2	MOISTURE CONTENT %	5-15%	6.49 %
3	MODULUS OF RUPTURE (N/MM2)	AVG. 11 N/mm2	30.75 N/mm2
		MIN. IND. 10 N/mm2	30.29 N/mm2
4	MODULUS OF ELASTICITY (N/MM2)	AVG. 2000 N/mm2	3787 N/mm2
		MIN. IND. 1800 N/mm2	3758 N/mm2
5	LINEAR EXPANSION (%) (MAX)		
	(I) LENGTH	0.50%	0.05
	(II) WIDTH	0.50%	0.05
6	THICKNESS SWELLING (%) (MAX)	12.00%	5.62 %
7	SWELLING IN THICKNESS DUE TO SURFACE ABSORPTION (%) (MAX)	9.00%	0.3 %
8	SCREW WITHDRAWAL N(MIN.)		
	(a) FACE SIDE	1250 N	3125 N
	(b) EDGE (FOR THICK >12MM)	700 N	2500 N
9	TENSILE STRENGTH PERPENDICULAR TO THE SURFACE (INTERNAL BOND STRENGTH N/MM2)	0.3 N/mm2	0.69 N/mm2





**CABINET HINGE**



**TELESCOPIC RUNNER**



## HARDWARE DETAILS

<b>HOTMELT</b>	Spec: Transparent (130-160)	<b>NAILAH</b>
<b>HOTMELT</b>	Spec: Ivory (180-220)	<b>NAILAH</b>
<b>HOTMELT</b>	Spec: ivory (130-160)	<b>NAILAH</b>
<b>CABINET HINGE</b>	Spec: 0 crank	<b>NAILAH</b>
<b>CABINET HINGE</b>	Spec: 16 Crank	<b>NAILAH</b>
<b>CABINET HINGE</b>	Spec: 8 Crank	<b>NAILAH</b>
<b>DRAWER LOCK</b>	Spec: 138-22C	<b>NAILAH</b>
<b>DRAWER LOCK</b>	Spec: 138-22AC	<b>GVI</b>
<b>TELESCOPIC RUNNER</b>	Spec: 10in	<b>NAILAH</b>
<b>TELESCOPIC RUNNER</b>	Spec: 12in	<b>NAILAH</b>
<b>TELESCOPIC RUNNER</b>	Spec: 14in	<b>NAILAH</b>
<b>TELESCOPIC RUNNER</b>	Spec: 16in	<b>NAILAH</b>
<b>TELESCOPIC RUNNER</b>	Spec: 20in	<b>NAILAH</b>
<b>SS HYDRAULIC HINGE</b>	Spec: 0 Crank	<b>NAILAH</b>
<b>SS HYDRAULIC HINGE</b>	Spec: 8 Crank	<b>NAILAH</b>
<b>SS HYDRAULIC HINGE</b>	Spec: 15 Crank	<b>NAILAH</b>



## 270+ DECORS TO CHOOSE FROM



Wide range of designs including Walnuts, Oaks, Solid Colours,  
Marbles and Many more  
Finishes Available - Glossy, Matte & Suede  
Textures Available - Magic leaves, Naagin, Magic bricks and more





OUR UPCOMING PROJECT @ KANNUR



We are very pleased to announce that our next project – Nailah Chip Boards Pvt. Ltd. with an even larger production capacity is underway and is expected to start operations and sales by “January 2024” at Kannur District , Kerala State.

**Greenland Particle Boards Pvt. Ltd**

#XIX/4 , A12, Kareyeli Vallam Road, Via Govt Veterinary Hospital,  
Perumbavoor, Ernakulam Dist, Kerala State- 683542

☎ +91 89433 31111 ☎ +91 96332 78063

🌐 [www.greenlandparticleboard.com](http://www.greenlandparticleboard.com)



Website



Location