

Technical Specifications				
S.NO.	TEST	UNIT	PRE-LAMINATED MDF BOARD VALUES***	
			EXTERIOR	INTERIOR
1	Density	Kg/m³	600-900	600-900
2	Density variation (Max)	%	± 10	± 10
3	Moisture content	%	5-10	5-10
4	Variation from mean moisture content (Max)	%	± 3	± 3
5	Thickness swelling in 24 hrs (Max) #	%	6-35	6-45
6	Modulus of rupture (Min)	N/mm²		
	a. Upto 20 mm thickness (Average)		22-27	18-23
	b. Above 20 mm thickness (Average)		15-22	15-18
7	Modulus of elasticity (Min)	N/mm²		
	a. Upto 20 mm thickness (Average)		2300-2800	2100-2800
	b. Above 20 mm thickness (Average)		1900-2300	1700-2100
8	Internal bond strength (Min)	N/mm²		
	a. Upto 20 mm thickness		0.60-0.70	0.55-0.65
	b. Above 20 mm thickness		0.50-0.60	0.50-0.55
9	Internal bond strength (Min)	N/mm²		
	a. After cyclic test		0.10-0.35	N/A**
	b. After AWR*		0.10-0.20	N/A**
10	Screw withdrawal strength (Min)	N		
	a. Face		1250	1250
	b. Edge (>12.0mm)		850	700
11	Surface abrasion resistance (Min)	No. of Revolutions		
	a. Type-I		1000	1000
	b. Type-II		450	450
	c. Type-III		250	250
	d. Type-IV		75	75
12	Resistance to steam/water vapours	-	No blister, delamination or change in surface finish	
13	Resistance to crack	-	No sign of crack or delamination	
14	Resistance to stain	-	No stain on the specimen after cleaning with water solvent or detergent	
15	Resistance to cigarette burn	-	No mark or stain on the specimen after cleaning with water or solvent	
16	Formaldehyde content (F _C)	mg/100 g for oven dry board	Formaldehyde class E1: F _C ≤ 8 Formaldehyde class E2: 8 < F _C ≤30	
AWR* = Accelerated Water Resistance N/A** = Not Applicable		# According to the MDF's thickness ***Values in accordance with the draft IS 14587:2022 (yet to be published)		

Size: 2440mm x 1220mm 2440 mm x 1830mm
Thickness Available Uttarakhand Plant Caters to Delhi, Haryana, U.P., Uttarakhand, J&K, H.P., Punjab, Chandigarh, Rajasthan, Gujarat, Bihar, Jharkhand, West Bengal & North East. Thickness: Interior Grade: 4.6mm, 5.5mm, 7mm, 7.3mm, 9.75mm, 11mm, 14.5mm, 16.5mm, 17mm, 18mm, 25mm & 30mm Exterior Grade: 5.5mm, 7.5mm, 11mm, 16.5mm, 17mm, 25mm & 30mm HDWR: 5.5mm, 8mm, 11mm, 12mm, 16mm, 16.75mm, 18mm & 25mm FRMDF: 12mm & 18mm FRMDF CLUB: 12mm & 18mm
Andhra Pradesh Plant Caters to Andhra Pradesh, Karnataka, Tamil Nadu, Kerala, Odisha, Madhya Pradesh, Chhattisgarh & Maharashtra Thickness: Interior Grade: 5.5mm, 7mm, 7.3mm, 9.75mm, 11mm, 12mm, 14.5mm, 16mm, 16.5mm,17mm, 18mm, 25mm & 30mm Exterior Grade: 5.5mm, 7.5mm, 11mm, 12mm, 16.5mm, 17mm, 18mm, 25mm & 30mm HDWR: 3.3mm, 5.5mm, 8mm, 12mm, 16mm, 16.75mm & 18mm & 25mm MMR: 16.5mm FRMDF: 12mm & 18mm FRMDF CLUB: 12mm & 18mm
For further details on thickness and availability, please contact our local sales office.

GP\PL\CL\08\2023

Advantages of Greenpanel Pre-laminated MDF

Emission Level E1, E2

German Machinery

Exclusive Design Range

Imported Decor Papers

Superior Abrasion Resistant

Resistant to Steam

Resistant to Crack, Scratch and Stains

Wide Distribution Network

Strong & Durable



ISO 9001:2015, ISO 45001: 2018, FSC, CARB, EPA, CE and Green building certificates international standard. Greenpanel Industries Limited environment is managed according to ISO 14001:2015 international environmental management systems standard. This embodies our commitment to pursuing a path of continual improvement in environmental management.



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Pre-Laminated MDF

Classic

R A N G E

ELEVATING SPACES, ENRICHING LIVES.

Discover the synergy of elegance and resilience with Greenpanel pre-laminated MDF, transforming spaces and lifestyles.

INDIA'S NO.1 MDF COMPANY™

ABOUT US

Greenpanel is India's largest manufacturer of wood panels. Our flagship product, Medium-Density Fibreboard (MDF), positions us as the undisputed leaders and innovators in this category. With state-of-the-art facilities located in Uttarakhand and Andhra Pradesh, boasting an annual combined capacity exceeding 660,000 cubic meters, we consistently deliver world-class MDF, Pre-Laminated MDF, Plywood, and Wooden Flooring.

Our pre-laminated MDF range, crafted with precision, reflects the discerning choices and refined lifestyles of our esteemed customers. The range includes :

WOOD GRAIN

FABRICS

VIBRANT COLORS

Wood Grain

Greenpanel's Wood Grain Pre-laminated MDF seamlessly blends nature's essence into your spaces, weaving a timeless connection with the outdoors through unique patterns.



Canyon White
Oak 2503



Canyon Dusk
Oak 2504



Mellow Oak 2506



Caribbean
Walnut 2011



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



Sahara Walnut
2808



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



Checquered Wood
Light 2014



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



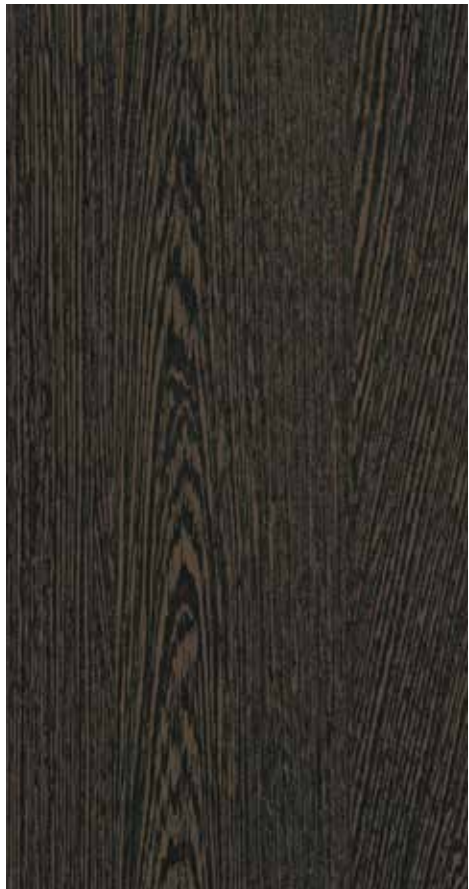
Umber Oak
2507



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



English Wood
2203



Charcoal Wenge
2021



Victorian Amber
Walnut 2805



Persian Walnut
Brown 2802



River Wood
2017



— SCAN OR TO SEE —
IMMERSIVE 360° VIEW



Checquered Wood
Dark 2013



— SCAN OR TO SEE —
IMMERSIVE 360° VIEW



Acacia Dark
2005



— SCAN OR TO SEE —
IMMERSIVE 360° VIEW



Natural Mahogany
2004



— SCAN OR TO SEE —
IMMERSIVE 360° VIEW



Oxford Cherry
2016



Acacia Light
2009



Georgia Walnut
2807



Amazon Symphony
2202



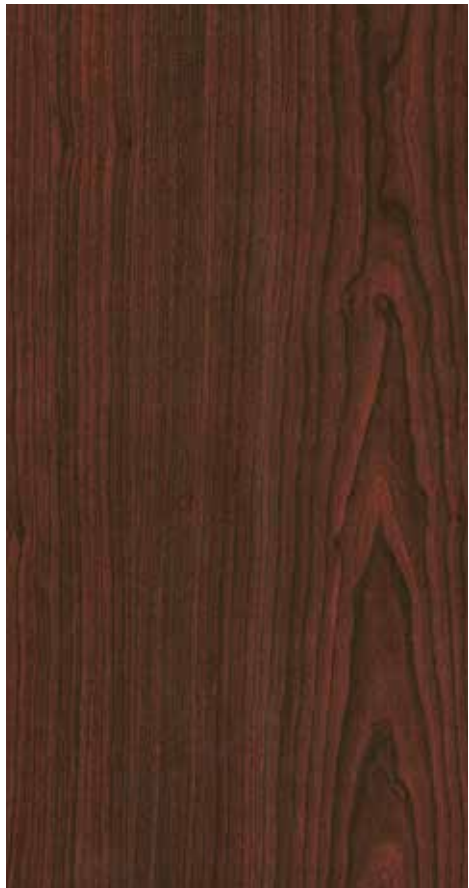
River Wood
Dark 2018



New River Oak
Dark 2501



Planked Walnut
2803



Rosewood 2015



Classic Sapeli
2003

WOOD GRAIN'S NATURAL ELEGANCE CAPTURED



Highland Pine 2001



Majestic Oak 2505



Classic Bavarian Beech 2008



New River Oak Light 2502



Persian Walnut Light 2801



Grand Nayana Teak 2006



EXPERIENCE THE AESTHETIC SPLendor OF WOOD GRAIN



Savanna Gold 2201



Latin Walnut 2809



Planked Walnut 2803



Victorian Smoked Walnut 2806



Natural Wenge 2007



Vintage Wenge 2002



Fabrics

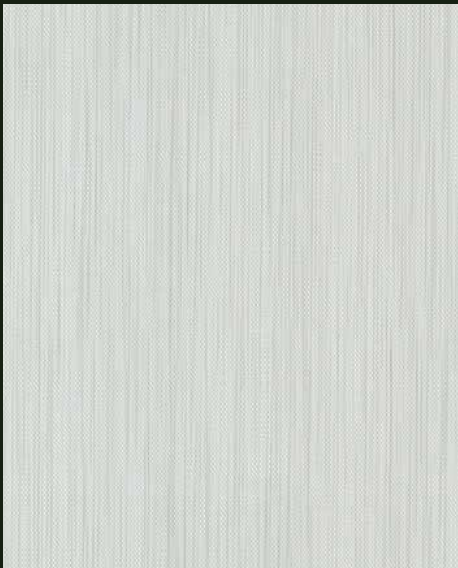
Inspired by fabric patterns, these timeless Pre-laminated MDF designs grace your living spaces with enduring impressions of style.



Cambric Dark 2052



ETERNAL STYLE INSPIRED BY FABRICS



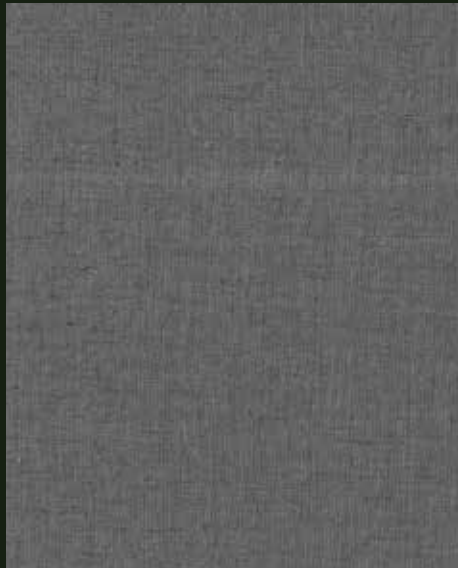
Linen Grey 2057



Linen Brown 2058



Fab Pearl 2053



Fab Pearl Dark 2054



Fab Ivory 2056



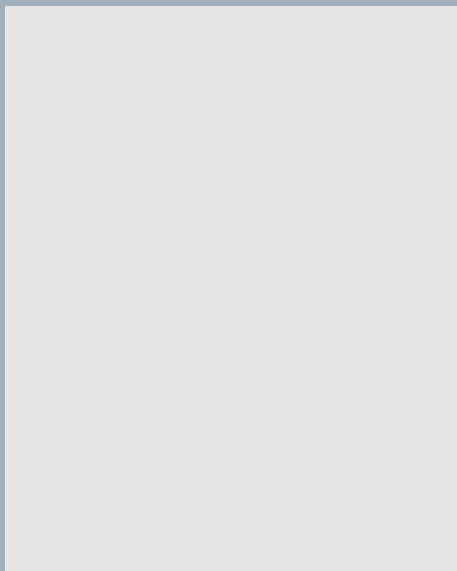
Cambric Light 2051



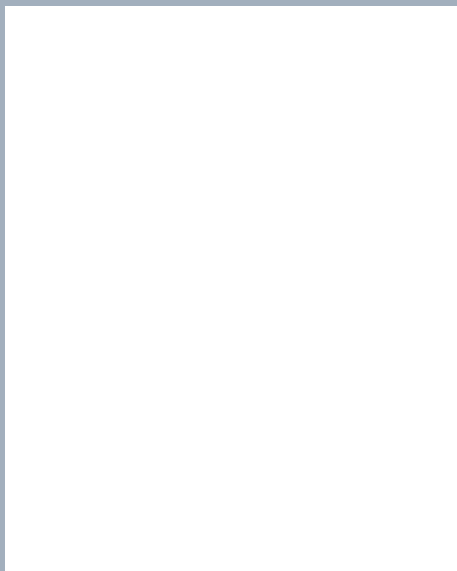
Cambric Dark 2052



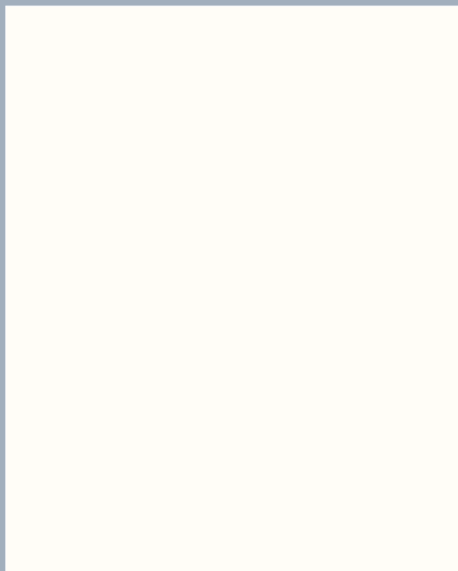
VIBRANT COLORS FOR
A LASTING IMPRESSION



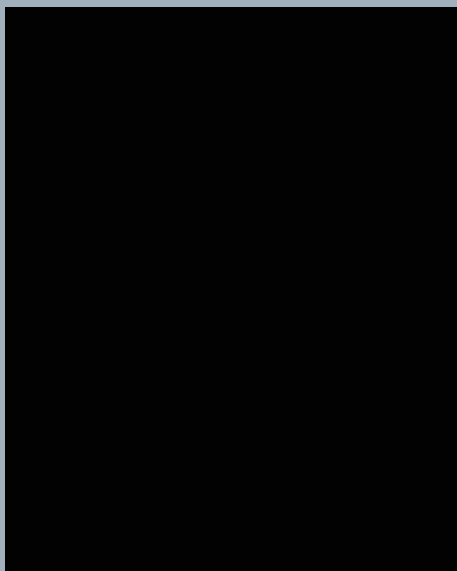
Light Grey 2108



Classic White 2101



Classic Off White 2102



Classic Black 2103



Classic Red 2105



Classic Blue 2104

