





### Picture Perfect

Furniture made with
Greenpanel pre-laminated MDF,
is worth a thousand click.

### About Greenpanel

Greenpanel is India's largest manufacturer of wood panels. Medium-Density Fibreboard (MDF) is our flagship product and we are the undisputed leaders and innovators of this category. Our state-of-the-art plants in Uttarakhand and Andhra Pradesh, with an annual combined capacity of more than 540,000 cubic metres, produce world-class MDF, Plywood, Veneers, Flooring and Doors.

### Greenpanel Pre-laminated MDF

Greenpanel Pre-laminated MDF boards are extremely durable with outstanding dimensional stability which can transform your home and office décor. Pre-laminated MDF comes in a range of stylish, decorative designs in solid colors, fabric and wood grain patterns. These boards are resistant to moisture and hence are highly suitable in all weather conditions.



# Wood Grain

The timeless beauty of nature is accentuated with Greenpanel's range of Wood Grain Pre-laminated MDF. The evergreen perfection will make a permanent impression on your interiors.







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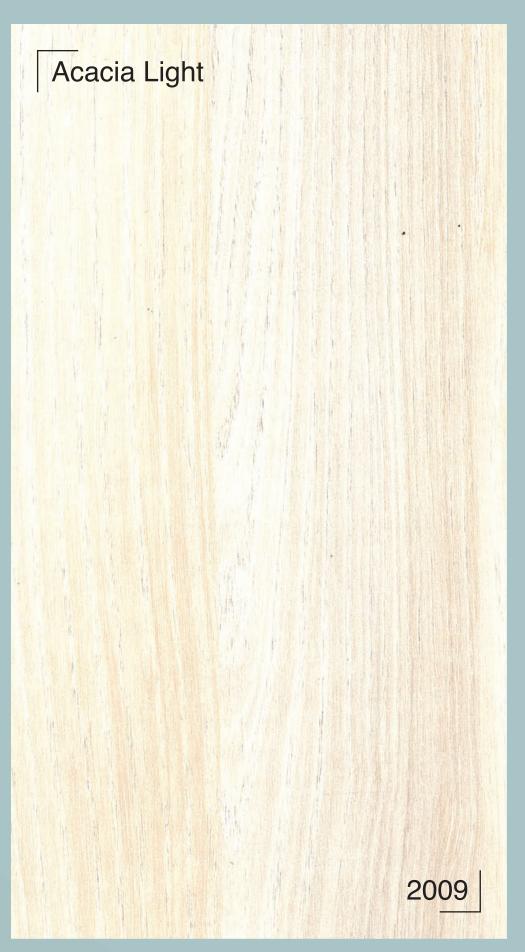






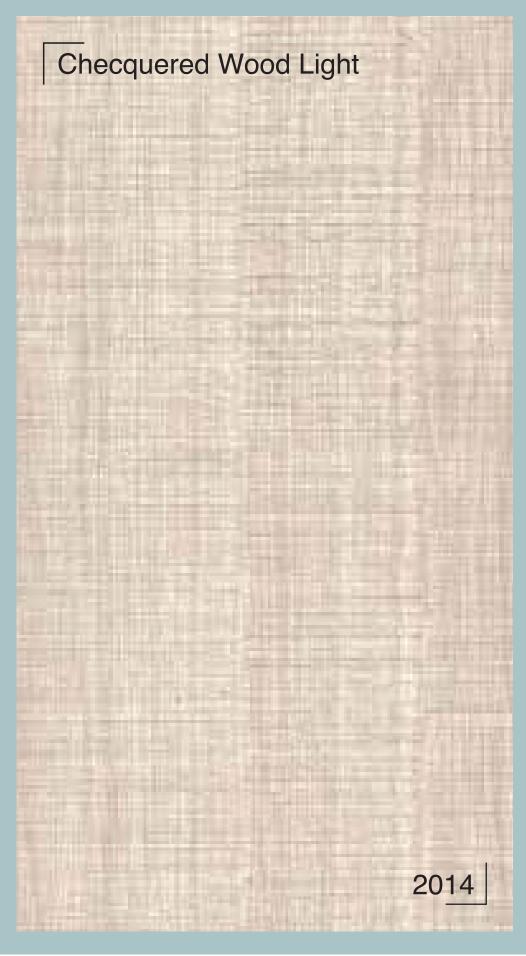










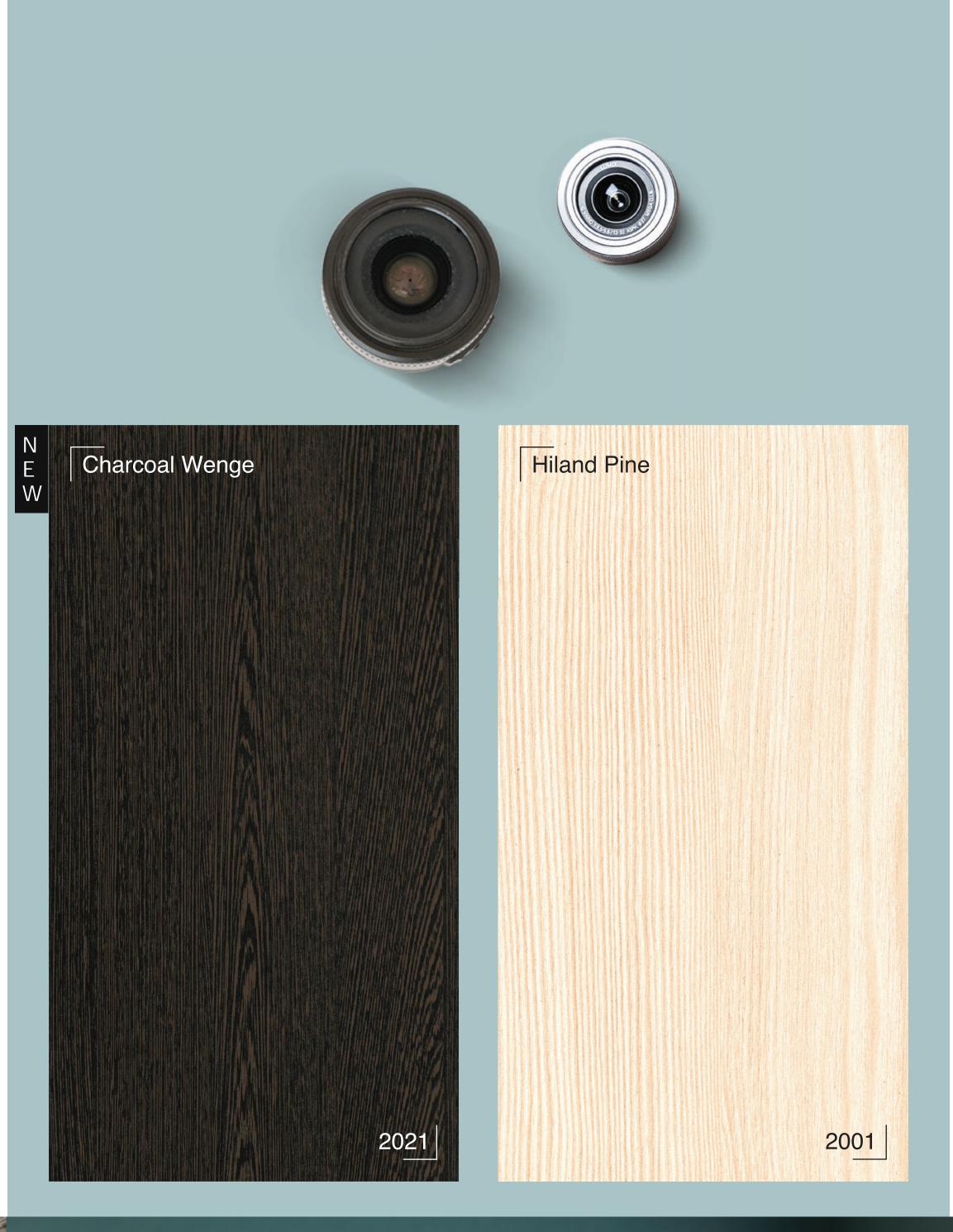




























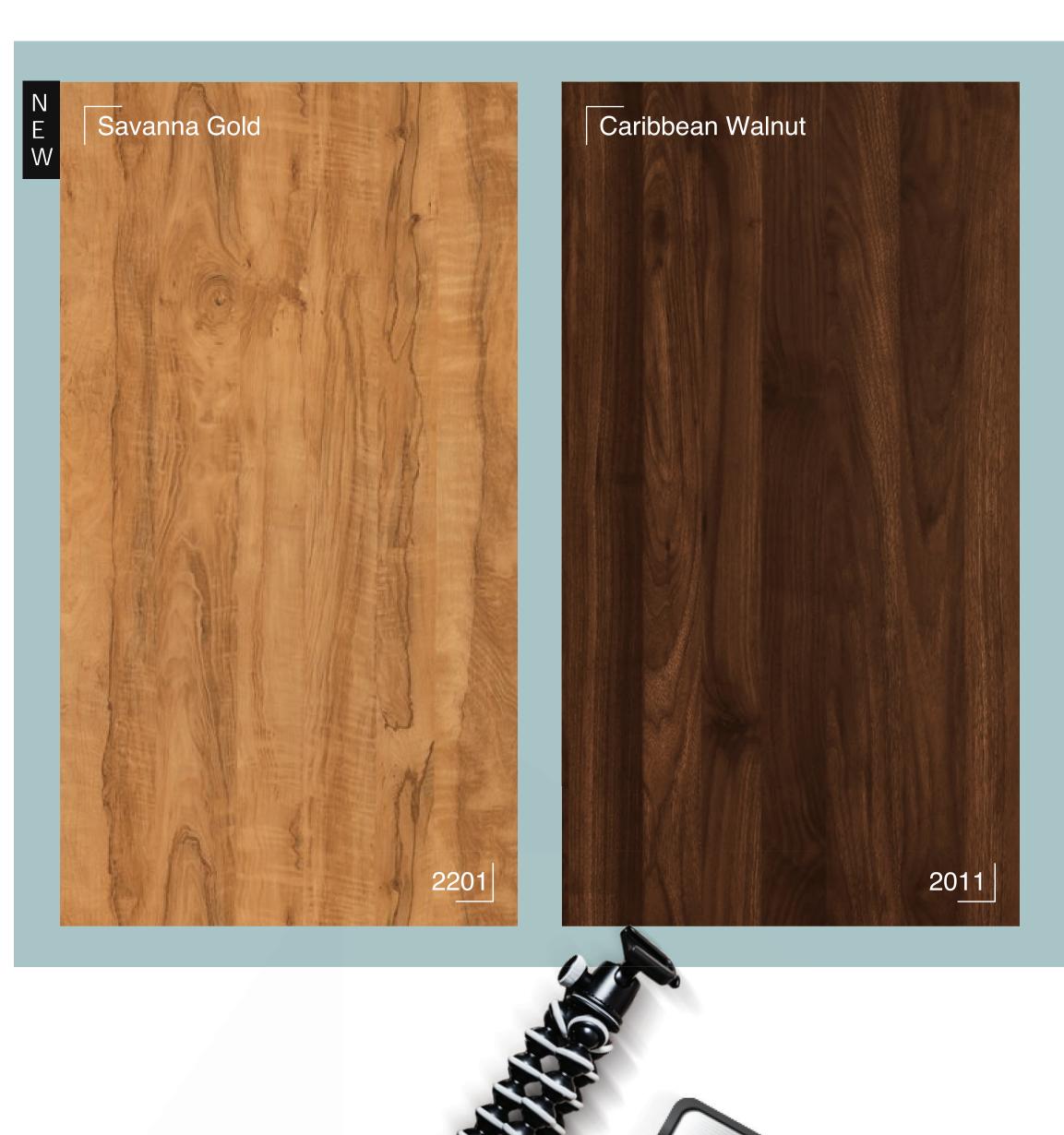




















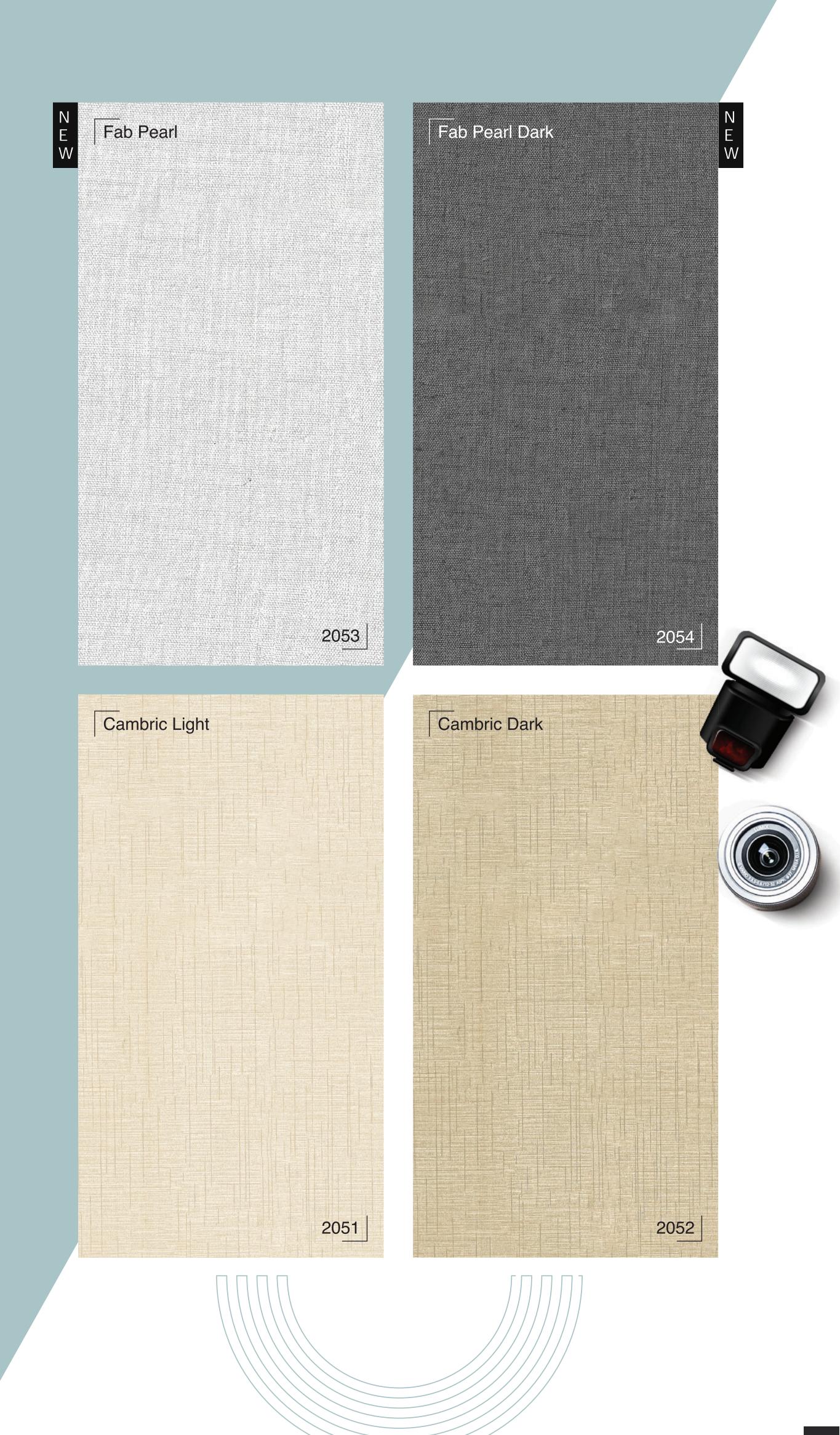




### Fabrics

Inspired by the pattern of the fabric, these stylish Pre-laminated MDF add an everlasting impression to your living spaces.

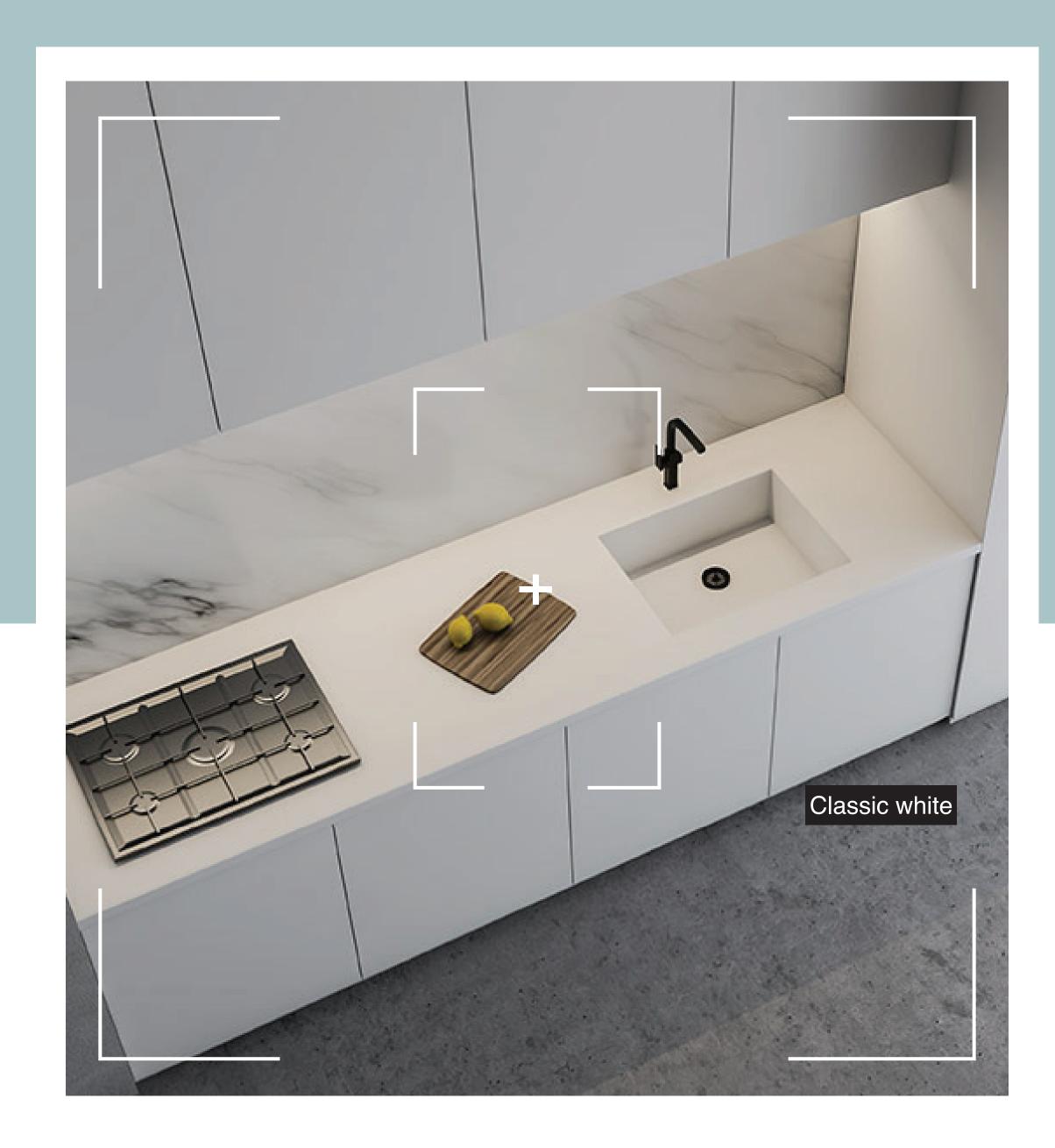


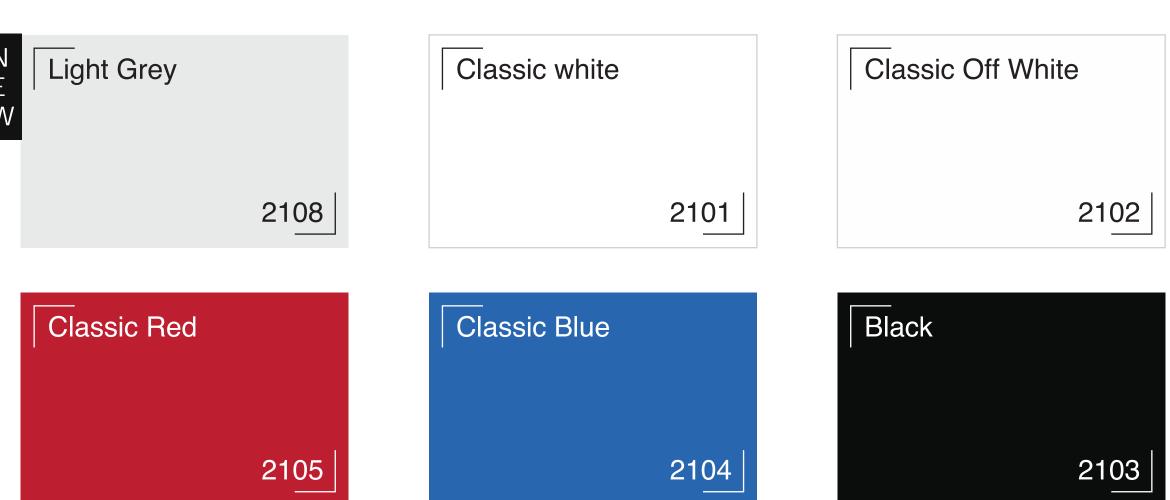


### Solid

Greenpanel range of solid coloured Pre-laminated MDF that add vivid shades to your interiors, making your personal space a perpetual happy place.

The Classic pre-laminated MDF range is offered under the standard Interior Grade MDF, Exterior Grade MDF, and Club HDF.





## TECHNICAL SPECIFICATIONS

Technical Specifications				
S.NO.	TEST	UNIT	PRE-LAMINATED MDF BOARD	
			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 2 hrs (Max)	%	4	7
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/mm <sup>2</sup>		
	a. Upto 20 mm thickness (Average)		2300-2800	2100-2700
	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)			
	a. Type-I	-	1000	1000
	b. Type-II	Revolutions	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 (Fc)	mg/100 g for oven dry board	Formaldehyde class E1: Fc ≤ 8 Formaldehyde class E2: 8 < Fc ≤30	
Λ\Λ/Γ	R* = Accelerated Water Resistance			

AWR\* = Accelerated Water Resistance N/A\*\* = Not Applicable



#### **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, 7.5mm, 9.75mm, 11mm, 14.5mm, 16.5mm, 17mm, 18mm & 25mm

**Exterior Grade:** 5.5mm, 7.5mm, 11mm, 16.5mm, 17mm & 25mm

**Club HDF:** 5.5mm, 7.5mm, 11mm, 16mm, 16.75mm & 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, 11mm, 12mm, 17mm, 18mm, 25mm & 30mm

Exterior Grade: 5.5mm, 7.5mm, 11mm, 12mm, 17mm, 18mm, 25mm & 30 mm

Club HDF: 5.5mm, 7.5mm, 11mm, 16mm, 16.7mm & 18mm

Ecolite Grade: 10mm, 14.5mm & 16.7mm

**MMR:** 16.7mm

#### **Advantages of** Greenpanel **Pre-laminated MDF**





**Emission** 

Level E1, E2



German Machinery



**Exclusive Design** Range



Imported Decor Papers



& Durable







Steam

Resistant to



Resistant to Crack, Scratch and Stains



Wide Distribution Network















ISO 9001: 2015, OHSA 18001: 2007, FSC®, CARB, EPA 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.

#### Greenpanel **Industries Limited**

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