

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, 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

Exterior Commercial: 16.5mm

FRMDF: 12mm & 18mm

FRMDF CLUB : 12mm & 18mm

For further details on thickness and availability, please contact our local sales office.

GP/PL/CL07/2023

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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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 :

ART'S STROKE

EXQUISITE WOOD GRAINS

COLOUR EMOTION

GORGEOUS FABRIC



ART'S STROKE

Art is freedom, and each person has a unique interpretation. Some prefer staying within the lines, while others crave exploration and some embrace abstraction. Similar to an artist's brush strokes, the various shades of Pre-Laminated MDF in our collection showcase a myriad of possibilities. This collection is crafted for individuals who revel in creativity and strive to stand out.

Available in rustic, stone, marble, and abstract designs, this range caters to those seeking a distinctive touch in their surroundings.





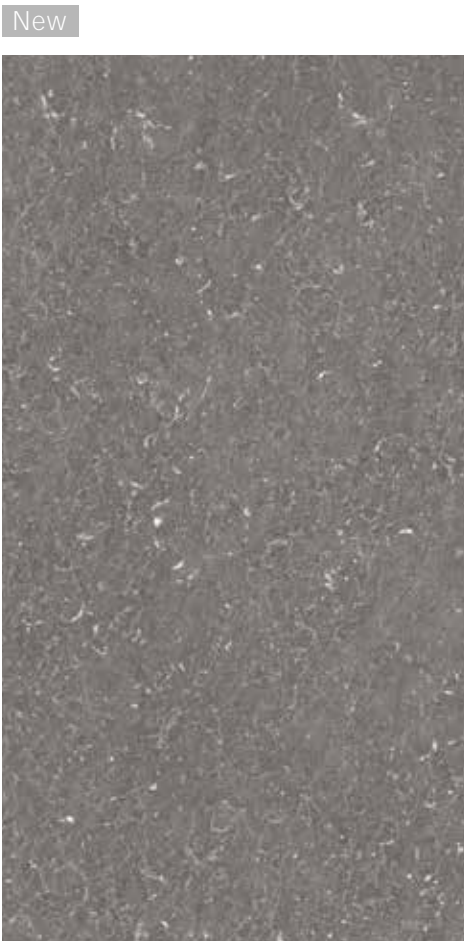
New
Silver Caspio
Marble 4903



New
Sunlit Limestone
4901



New
Bronze Caspio
Marble 4904



New
Dusky Limestone
4902





New



Rustique
4090



New



Almond
Herringbone 4151

New



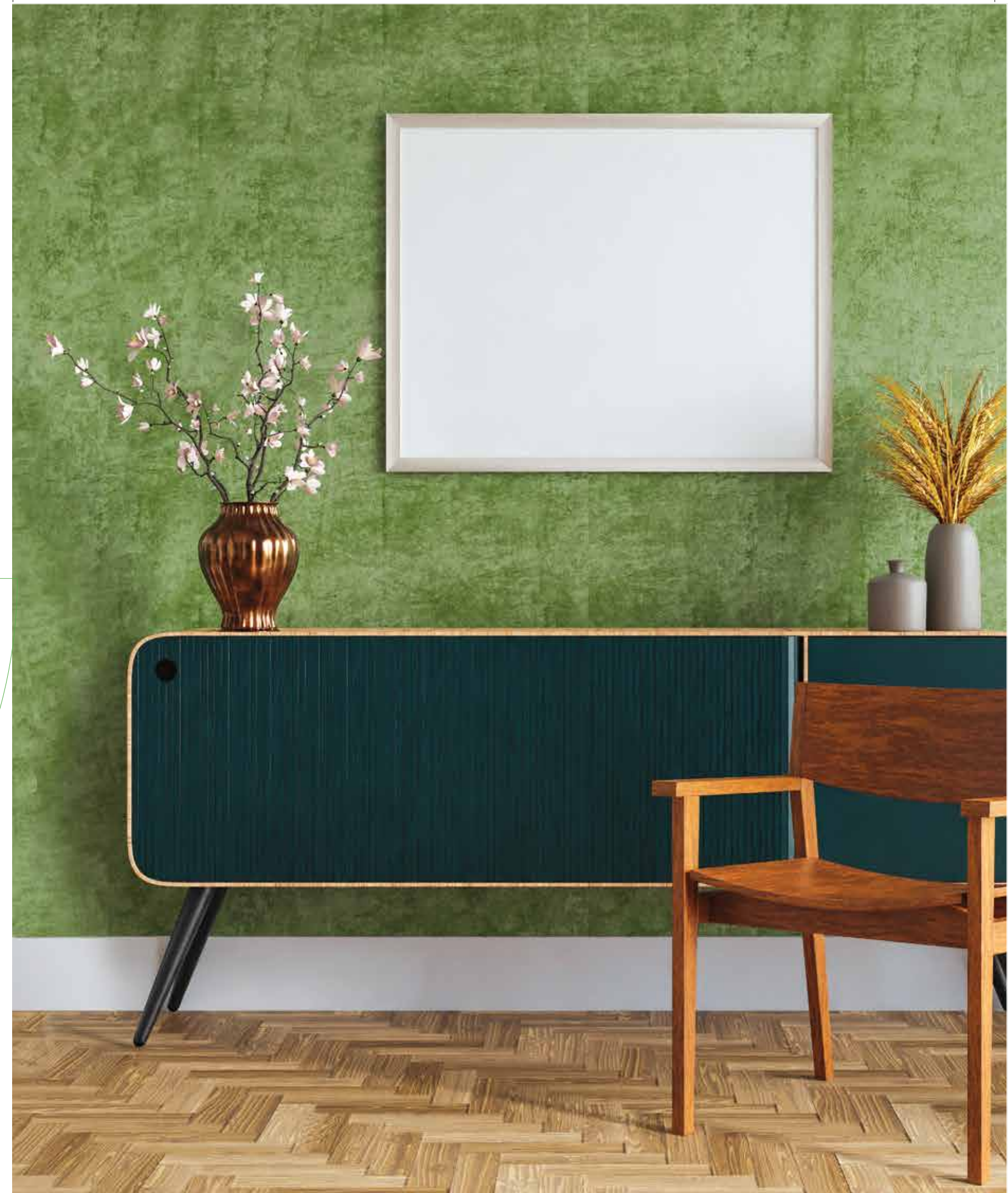
Chestnut
Herringbone 4150



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW

EXQUISITE WOOD GRAINS

Experience the naturally occurring wood grain designs of Greenpanel's Pre-Laminated MDF, elevating your interiors with a touch of luxury, class, and elegance. These distinctive patterns create an awe-inspiring impression that is destined to endure forever.





— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



Santana Oak
4502



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



Santana Oak
Brown 4503



California Oak
1123



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



California Oak Tan
4501



— SCAN QR TO SEE —
IMMERSIVE 360° VIEW



New



Elegant Oak
4505



Italian Oak
1124

New



Mighty Oak
4506



Winewood Oak
1132





Tangerine Walnut
1113



Blush Walnut
4808



Buff Walnut
4809



Royal Walnut
4807



Rosa Walnut
1133



Rich Walnut
766



Classic Walnut
1115



Panorama Walnut
4805



Shirin Walnut
4806



Pallor Wood
4204



Tanned Wood
4205



Cinnamon Wood
4206



New



Lucent Acacia
1130



Somber Acacia
1131



Himalayan Chestnut
4207



New



Fine Teak
4702



Tectona Teak
1121



Nayana Teak
606



Caramel Teak
1111



Desert Maple Light
1128



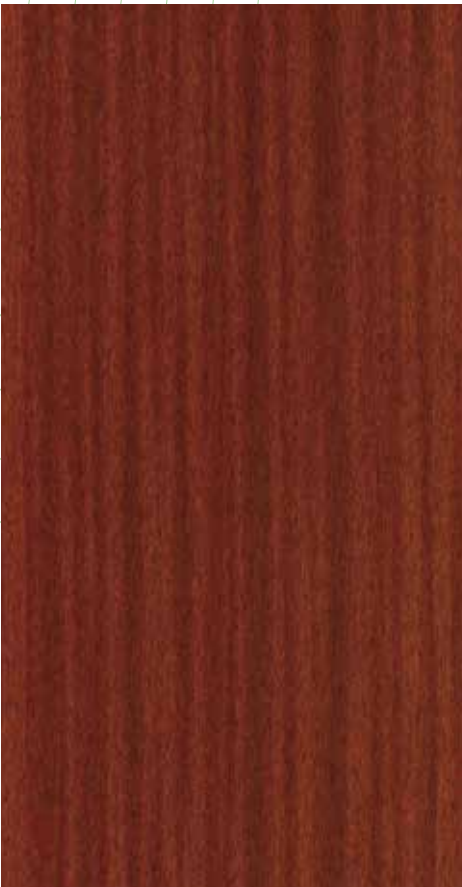
Desert Maple Dark
1127



Classic Wenge
1144



Grenada Pine
4601



Sapele Exotic
3355



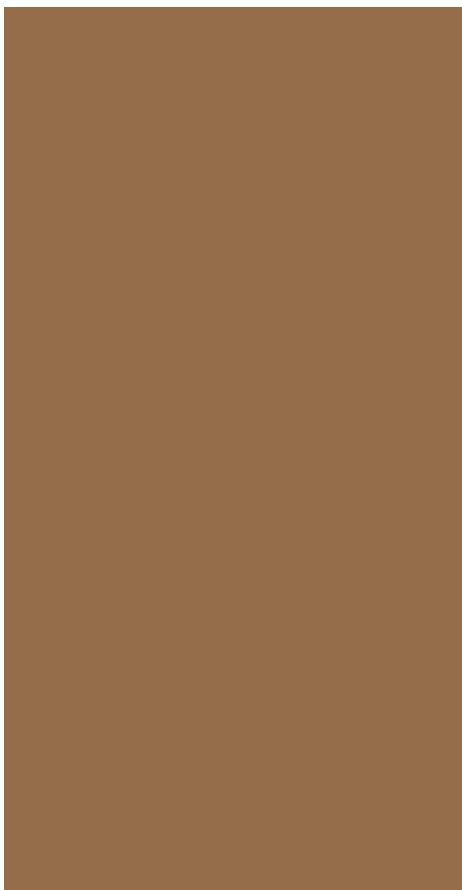
COLOUR EMOTION

Greenpanel presents an exquisite range of vibrant, solid-colored Pre-Laminated MDF carefully chosen to infuse happiness and brightness into your interiors. Elevating your aspirations for a tastefully crafted, radiant space that effortlessly brings a smile to your face.





New



Camel Brown
138

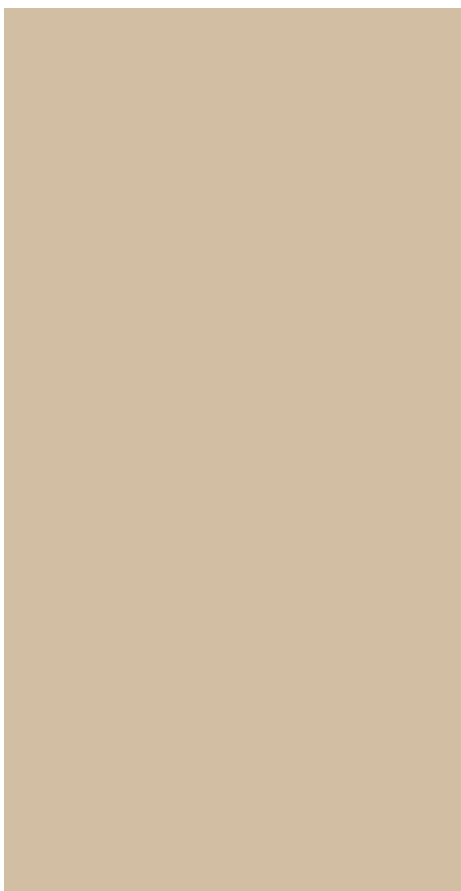


New



Alluring Orange
1148

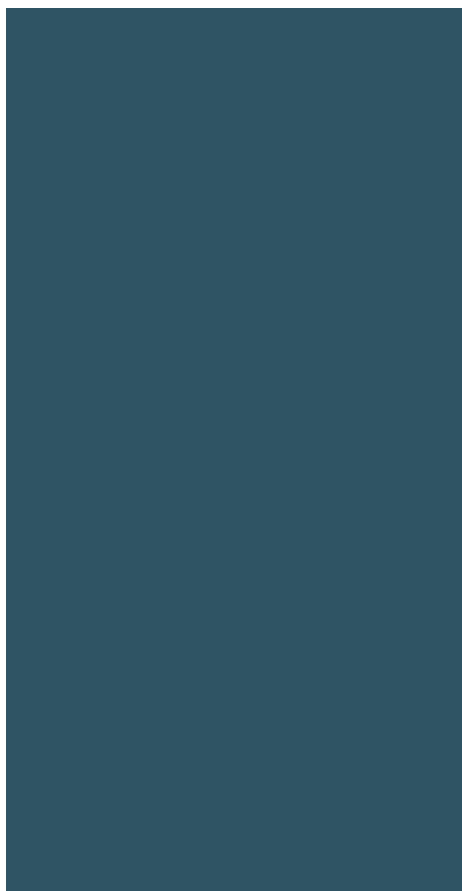
New



Smoky Beige
137



New



Trendy Blue
1149





Gothic Grey
210



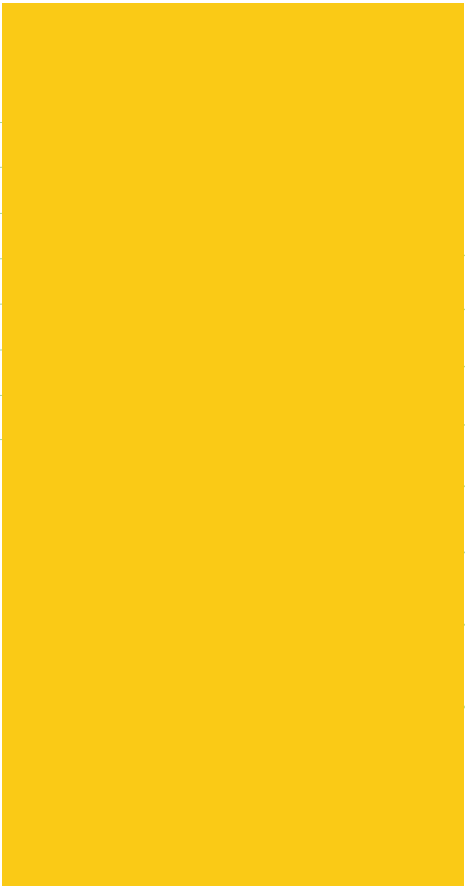
HAB Grey
222



Dark Grey
262



Electric Blue
1146



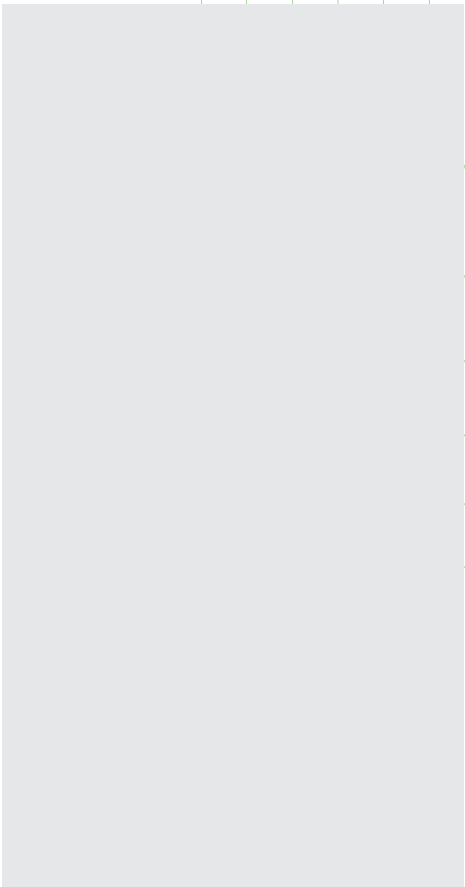
Mystical Yellow
1141



Luscious Pink
1138



New



Silver Grey
270



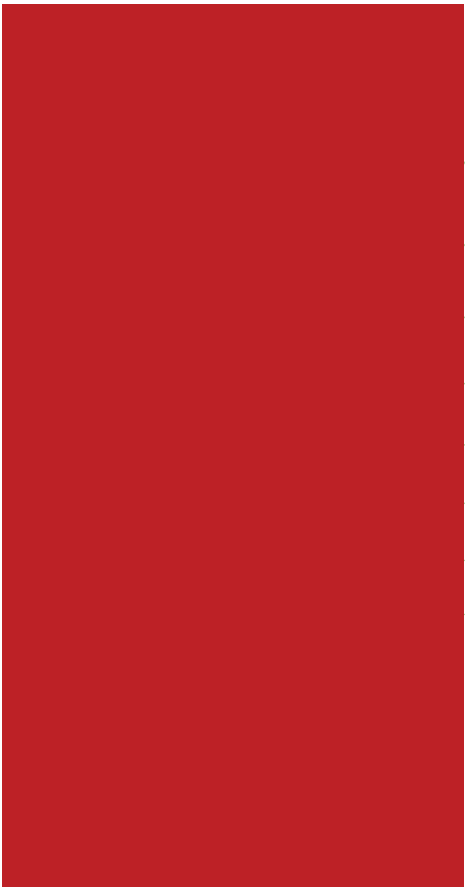
Black
401



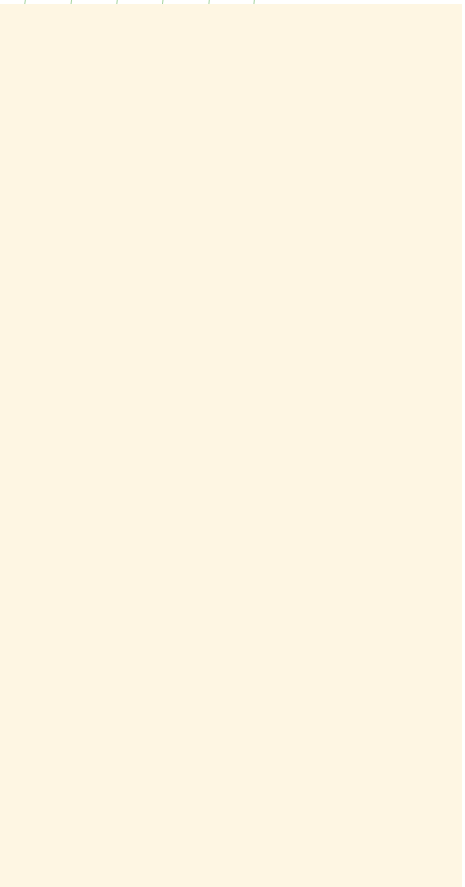
Popinjay Green
1140



Luminous Orange
1139

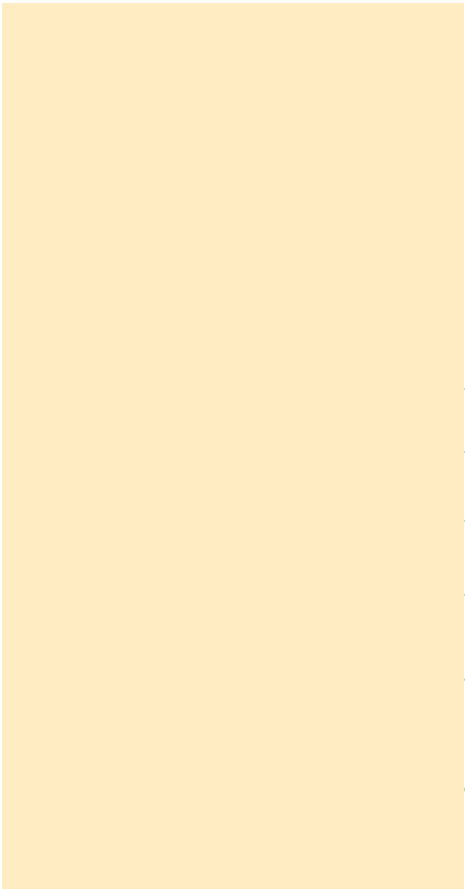


Red
1147

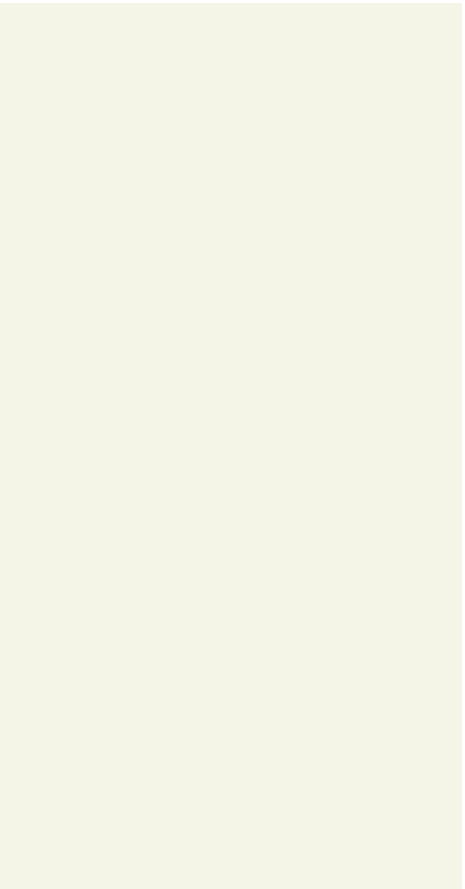


Irish Cream
136





Ivory
121



Warm White
118



White
101



GORGEOUS FABRIC

Infused with the fine texture of premium fabric, these stylish Pre-Laminated MDF panels seamlessly bring a touch of royalty to your interior, offering your living spaces a stunning and regal makeover.

