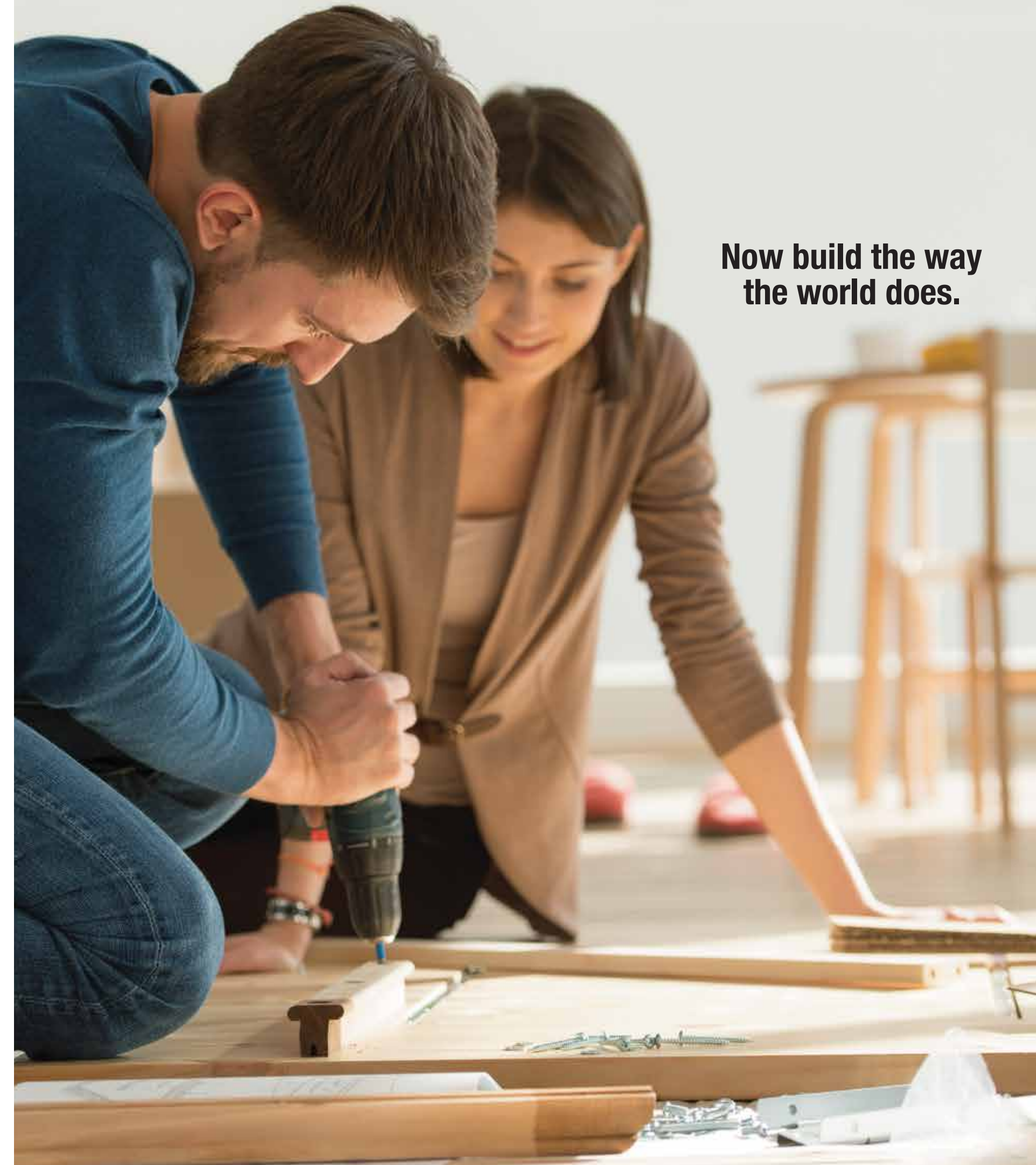




Now build the way
the world does.



Century Plyboards (India) Limited
Engineered Panel Products Division

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Sales & Marketing Office: 102 JMD Pacific Square, Sector 15 Part 2, Gurugram - 122 001, Haryana.
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For more information, call:
1800-200-0440

CRESCENT / EPPD / 03/03-2018





World-class wood solutions to let you build the way the world does.

After the industrial revolution and the population explosion, the planet's forests have been shrinking at a rapid pace. The forests that turn globe-warming CO2 into life-giving oxygen are disappearing because of our desire for natural materials like wood. It's time to work with a better alternative.

The world has moved to environment-friendly wood solutions like MDF and Particle Board manufactured with advanced technology and excellent aesthetics.

And now you can too! CenturyMDF Prowud and CenturyParticleBoard Proplank offer you quality that matches international standards of performance, durability and aesthetics to open up creative possibilities like never before. So go ahead and think as big as the world does.



CenturyMDF Plant at Hoshiarpur, Punjab



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INNOVATION IS OUR BIRTH RIGHT.

CenturyPly was established in 1986 with the vision of providing path-breaking solutions in the panel industry. It took a continuous emphasis on innovation and an intense focus on product quality over the last 3 decades to bring that vision to life. And in that time, as consumer needs diversified, CenturyPly grew its range of offerings too. From plywood to laminates, veneers, flooring and exteriors, and engineered wood products.

Along the way, we pioneered new technologies for the Indian market and set the bar higher and higher on business standards. Our commitment to R&D is reflected in rising investment in this area, resulting in newer and better products. We were the first to develop Borer Proof and Boiling Water Resistant products. As an organisation too, we are structured flexibly to enable innovation. That's what it takes to come up with products like CenturyMDF Prowud - the wood of the future.

As technology and tastes evolve rapidly, consumers as well as architects and interior designers are constantly seeking new solutions. It is our endeavour to ensure that each of them is able to express their individual creativity, in exactly the way that they desire.

The wood for mankind's future.

Saving trees and forests needs innovation, technology, and the understanding that any alternative must look, and work, as good as wood. Fortunately, there's good news!

Environment-friendly, engineered wood substitutes:

Medium Density Fibreboard and Particle Board.

The perfect way to kill fewer trees. And still let mankind enjoy the beauty and brilliance of wood.



CENTURYMDF[®]

PROWUD





CENTURYMDF PROWUD. WOOD SOLUTIONS FOR THE NEXT GENERATION

CenturyMDF Prowud is a revolutionary product which consists of a wide range of high quality engineered wood substitutes. It meets the evolving demands of modern consumers by being:

Versatile: CenturyMDF Prowud is carefully engineered to make precise routing, machining, and finishing possible. The product provides chipping-free edges, and can easily be carved and moulded. This makes CenturyMDF Prowud highly versatile and suitable for specialized applications requiring unique shapes or intricate designs. When it comes to designing furniture or other interior elements, now the only limit is your imagination.

Smart: CenturyMDF Prowud comes packed with superior technical features which provide strength and durability even under harsh conditions. Each board is constructed with Scalper Technology and quality checked at 128 individual points. This ensures uniform and high density, smoothness and routing grade quality, and resistance to adverse environment and pests. Our products are credited by the Indian Green Building Council.

Beautiful: CenturyMDF Prowud provides both strength and beauty. Ultra smooth surfaces make them perfect for painting, polishing and providing high gloss. The smoothness also makes them the perfect substrate for laminates and veneers. Pre-laminated boards, backed by the wide range of Century Laminates, provide choices in terms of colours and designs which help our customers to express their creativity freely. CenturyMDF Prowud enables interiors, which can be aesthetically tailored to individual choice.





DIFFERENT GRADES FOR DIVERSE NEEDS

CenturyMDF boards have a homogenous internal structure with a super smooth surface. They are made with Scalper Technology and quality checked at 128 points to ensure that there is no warping, cracking, spitting or knots.

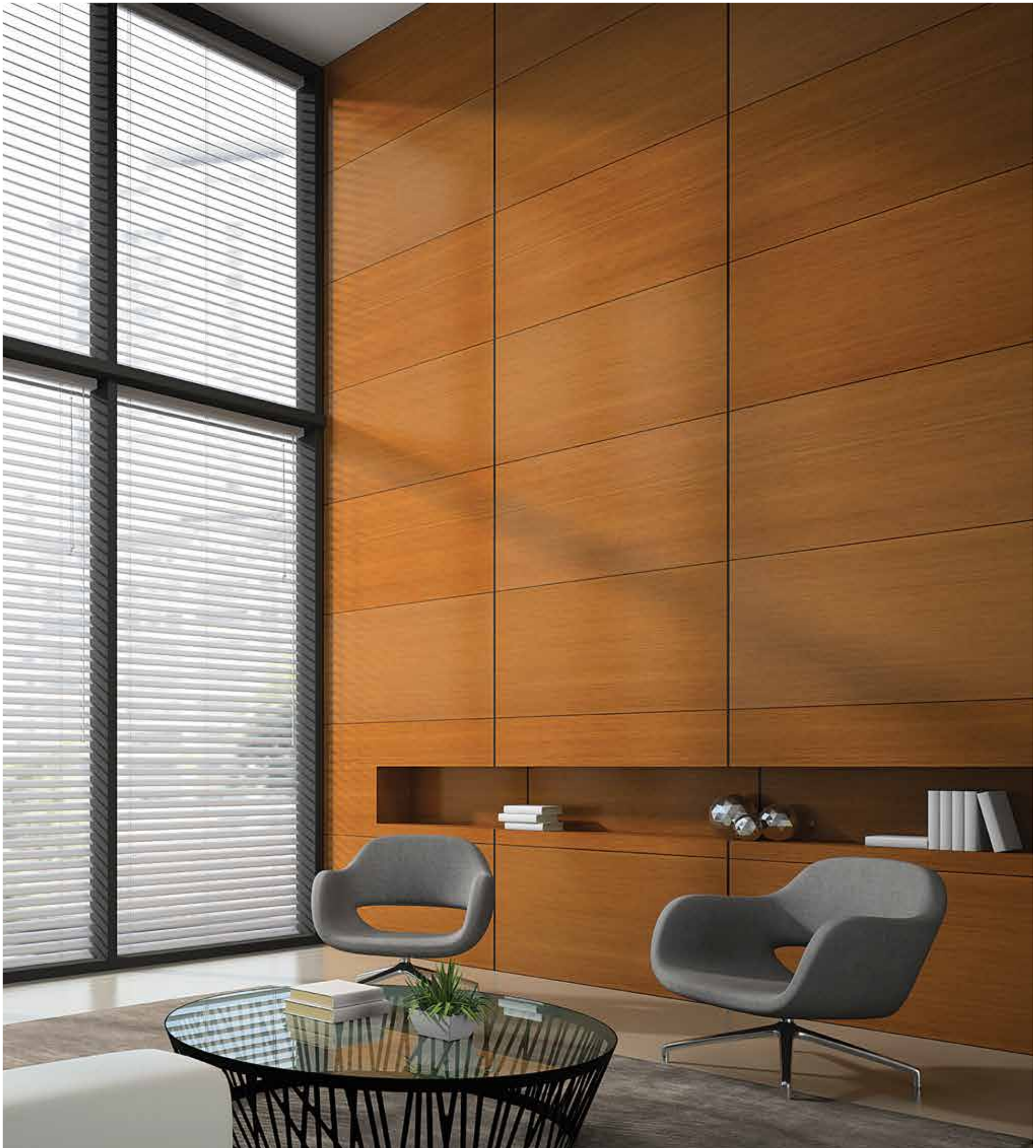
The boards are available in two grades:

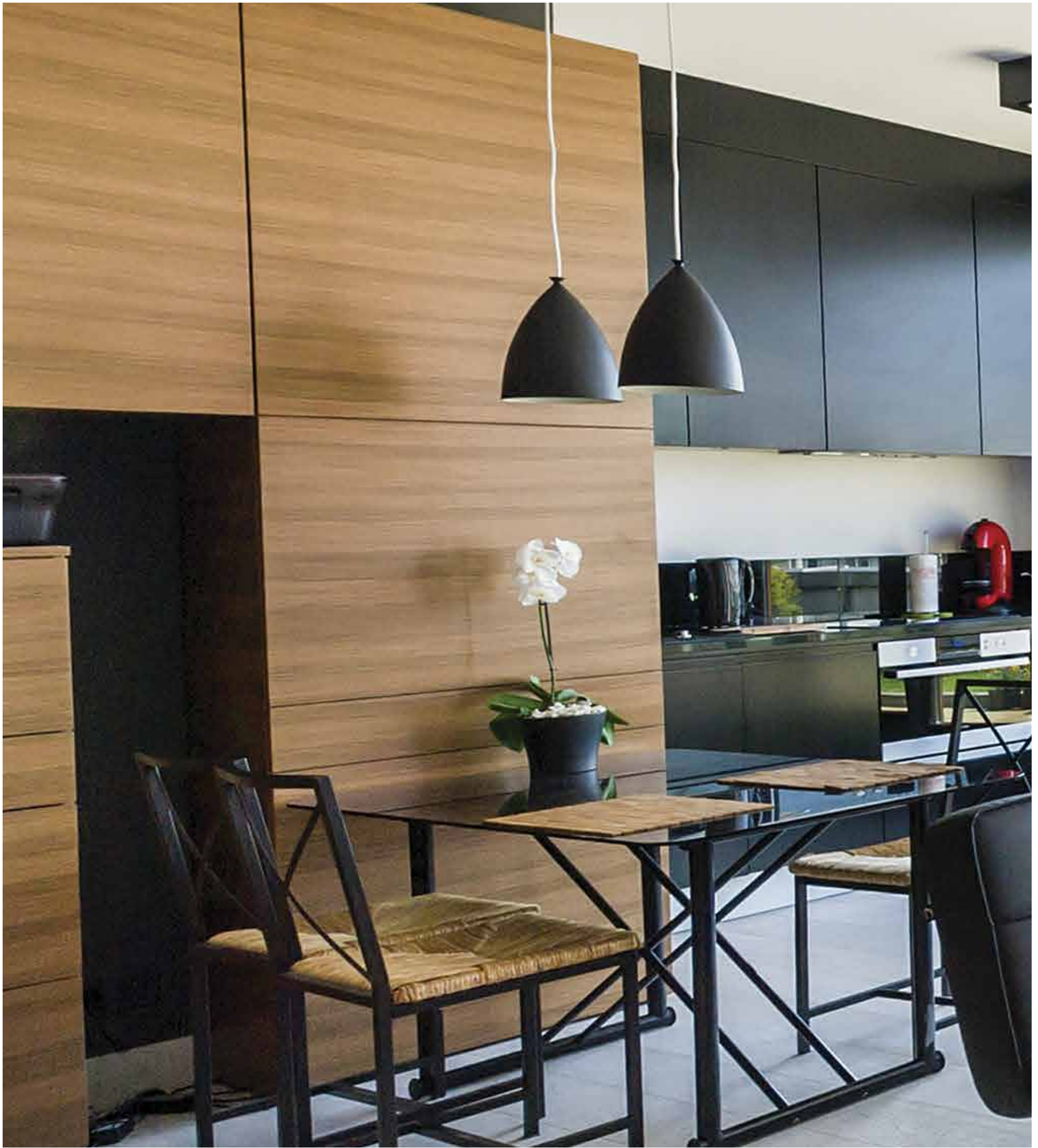
Densified Water Resistant (ISI Grade I): Its densified structure is forged with moisture fighting properties which make them suitable for varied and prolonged application in humid conditions.

Densified Interior Range (ISI Grade II): Super grade range for diverse applications in the interiors.

Both the grades are available in two variants – Plain and Pre-laminated









A WIDE RANGE OF APPLICATIONS

CenturyMDF Prowud is the wood solution when you want to create things differently. Its technical superiority gives you the freedom to redefine your spaces exactly as you wish. Therefore, these boards find a wide range of applications:

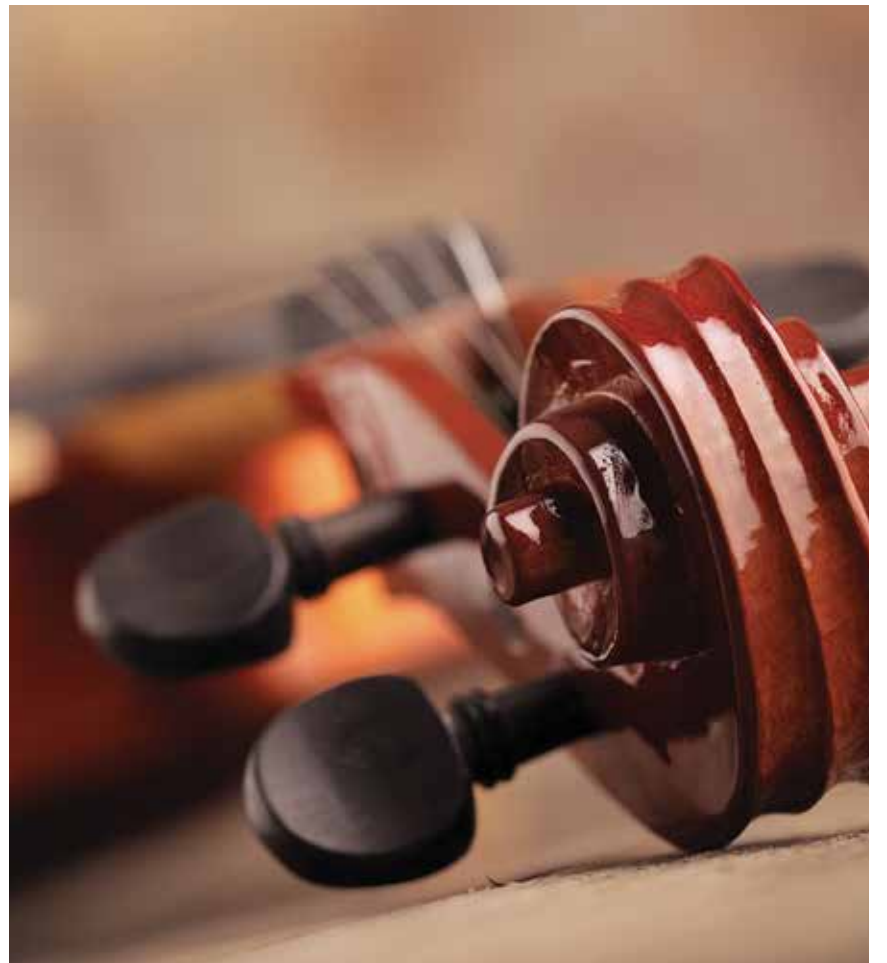
Building Construction: Partitions, Ceilings, Door Panels, Moulding, Pelmet, Skirting, etc.

Furniture: Homes, Offices, Hotels, Schools, Hospitals, Colleges, Shopping Malls, Educational Institutions, etc.

Industrial Applications: Laminate Substrates, Scientific Instruments, Musical Instruments, Stationary Items, Office Equipment, Speaker Boxes, TV Cabinets, Fridges, Sewing Machine Tops, Packaging, Shoe Heels, Toys, Sports Goods, Cut-outs, Photo Lamination, Moulds and Dies, Clocks, Trophies, Interiors of buses and rail coaches, etc.

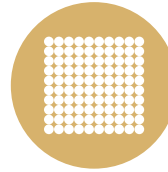
Handicrafts: Sculptures, Decorative items, Artefacts, etc.

Other Applications: False Ceilings, Modular Kitchens, Short Cycle Press, Exhibition Sets, Aluminum Frame Doors, Packaging and Pallets, Photo Lamination, Photo Frames, Writing Boards and Exam Boards, etc.





PERFORMANCE THAT WOOD WOULD ENVY



Uniform and High Density: CenturyMDF Prowud boards are very compact with uniform fiber density throughout. Their homogeneous construction makes them suitable for consistent applications.



Made with Scalper Technology: Stringent manufacturing standards and the latest equipment make these boards technically superior. The boards undergo 128 points quality check during the manufacturing, to ensure unmatched product quality.



Super Smooth: CenturyMDF Prowud Boards have super smooth surfaces, making application of paint easier. The smooth surface, free from knots and foreign particles, is a perfect substrate for laminates or veneers.



Hot and Humid Environment Resistant: These boards are very durable with high resistance to adverse environments like heat and humidity. Their high resistance makes them suitable for all locations and applications such as kitchen cabinets, wall paneling on external walls etc



Cost Effective All-rounder: CenturyMDF Prowud is suitable for diverse applications. It is formable, chipping-free, easily moulded, and cost effective, making it a highly sought after product in the interior solutions industry.



Resistance to Borers and Termites: CenturyMDF Prowud Boards are highly resistant to termites and borers, ensuring greater durability.



Environment friendly: CenturyMDF Prowud is an eco friendly product and conforms to E2 Formaldehyde emission level grade of European Standards.





10 REASONS WHY YOU SHOULD USE CENTURYMDF PROWUD PRELAM BOARDS

1. A wide range of shades in pastels and wood grains
2. Matching post-forming laminates available
3. Environment-friendly product
4. Excellent machinability
5. Borer and termite resistant
6. Resistant to fungus and stains
7. High surface resistance to steam and heat
8. High screw holding strength and load bearing capacity
9. Free from warping and surface defects
10. Bacteria-free surface due to Silver Nano Technology

CenturyMDF Prowud range

CenturyMDF Prowud offers a wide range of MDF panels in different grades and a variety of sizes/thickness. It's available in both plain and pre-laminated variants.

DWR Range (Grade-I)

Standard Size: 8ft x 4ft (2440mm x 1220mm); Other variants available as per specifications

Thickness (in millimetres)

3.0, 3.4, 5.5, 7.5, 8.0, 11.0, 12.0, 14.75, 16.75, 17.0, 18.0, 25.0, 30.0, 35.0

Variants: Plain & Prelam (Above 5.5 mm)

DIR Range (Grade-II)

Standard Size: 8ft x 4ft (2440mm x 1220mm); Other variants available as per specifications

Thickness (in millimetres)

2.1, 3.0, 3.4, 4.6, 5.5, 7.0, 7.5, 8.0, 9.75, 11.0, 12.0, 14.75, 16.0, 16.75, 17.0, 18.0, 25.0, 30.0, 35.0

Variants: Plain & Prelam (Above 5.5 mm)

Range: One-side laminated (OSL), Both-side laminated (BSL), One-side Bare (OSB), Both-side Balancing (BSB)

Finishes: Suede and Matt

Specifications and Standards

S. No.	Property	Unit	IS12406-2003 (Plain)		IS 14587-1993 (Pre-laminated)	
			DWR (Grade I)	DIR (Grade II)	DWR (Grade I)	DIR (Grade II)
1	Density	Kg/m3	600-900	600-900	--	--
2	Variation from mean density	%	±10	±10	±10	±10
3	Moisture Content	%	5-10	5-10	--	--
4	Variation from Moisture Content (absolute)	%	±3	±3	--	--
5	Thickness Swelling 2 hrs (Maximum)	%	--	--	4	7
6	Water absorption (maximum)	%				
	a. After 2 hr soaking		6	9	6	9
	b. After 24 hr soaking				12	18
	i. Up to and including 6mm thick		30	45		
	ii. 7 to 12mm thick		20	30		
	iii. 13 to 19mm thick		13	20		
iv. 20mm and above thick	12	18				
7	Linear expansion (maximum)	%				
	a. Due to general absorption (in thickness) 24 hrs soaking					
	i. Thickness		4	7		
	ii. Length		0.3	0.4	-	-
	iii. Width		0.3	0.4	-	-
	b. Due to surface absorption (in thickness) 2 hr				-	-
8	Modulus of Rupture	N/mm2				
	a. Up to 20mm thickness					
	i. Average		28	28	28	28
	ii. Minimum individual		25	25	25	25
	b. Above 20mm thickness					
	i. Average		25	25	25	25
ii. Minimum individual	22	22	22	22		
9	Modulus of Elasticity	N/mm2				
	a. Up to 20mm thickness					
	i. Average		2800	2800	2800	2800
	ii. Minimum individual		2500	2500	2500	2500
	b. Above 20mm thickness					
	i. Average		2500	2500	2500	2500
ii. Minimum individual	2300	2300	2300	2300		
10	Tensile Strength Perpendicular to Surface	N/mm2				
	a. Up to 20mm thickness					
	i. Average		0.9	0.8	0.9	0.8
	ii. Minimum individual		0.8	0.7	0.8	0.7
	b. Above 20mm thickness					
	i. Average		0.8	0.7	0.8	0.7
ii. Minimum individual	0.7	0.6	0.7	0.6		
11	Tensile Strength Perpendicular to Surface	N/mm2				
	a. After cyclic test					
	i. Average		0.45	NA	0.45	NA
	ii. Minimum individual		0.40	NA	0.40	NA
	b. After accelerated water resistance test					
	i. Average		0.30	NA	0.30	NA
ii. Minimum individual	0.25	NA	0.25	NA		
12	Screw withdrawal strength (minimum)	N				
	a. Face		1500	1500	1500	1500
	b. Edge (for thickness >12mm)		1250	1250	1250	1250
13	Abrasion Resistance (Minimum) revolutions	Revolutions				
	i. Type – I		NA	NA	1000	1000
	ii. Type – II		NA	NA	450	450
	iii. Type – III		NA	NA	250	250
	iv. Type - IV		NA	NA	75	75



Bavarian Beech **311**



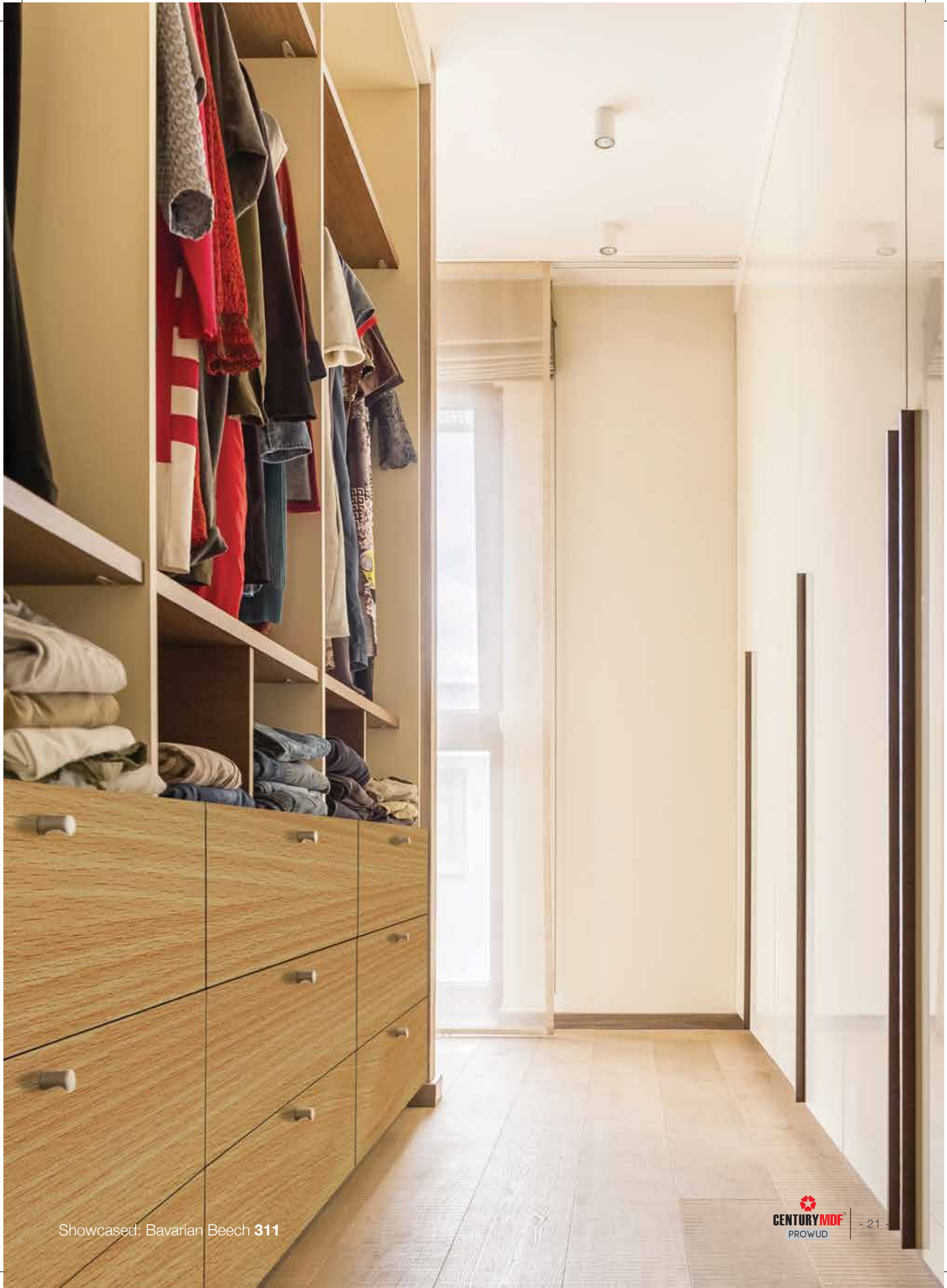
Intal Beech **323**



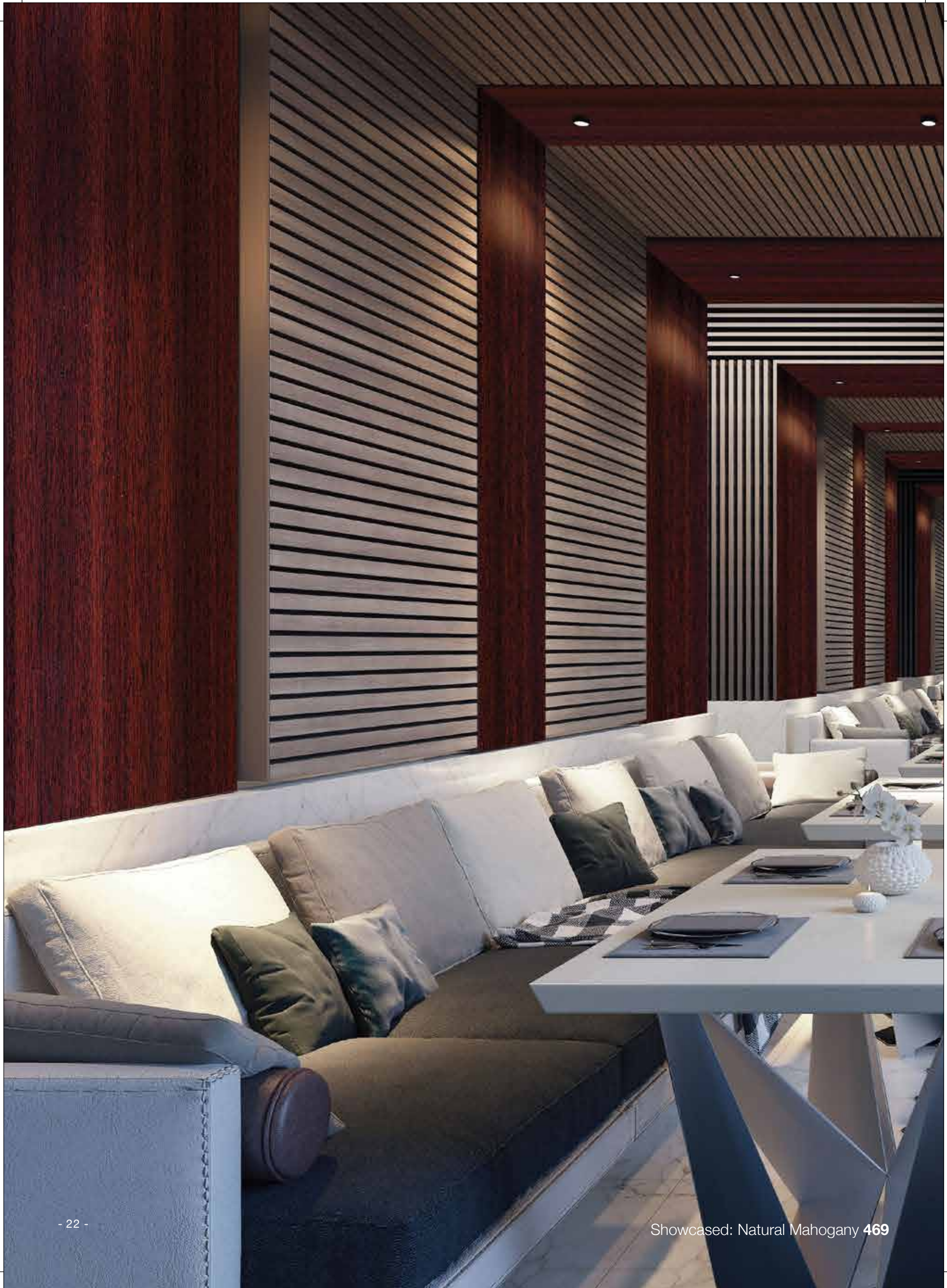
Thansau Maple **357**



Samoa Teak **456**



Showcased: Bavarian Beech 311





Natural Mahogany 469





Khaya Mahogany **473**



Douglas Pine **483**



Wenge Brew **675**





Astronium Wood **683**

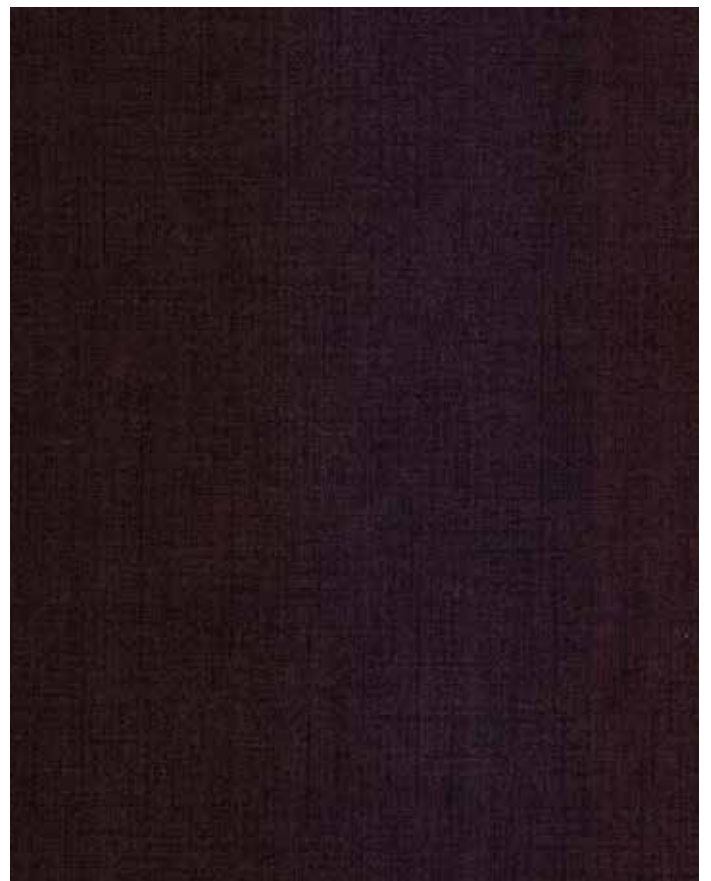




Wenge Cream **676**



Acacia **706**



Magic Beans **859**





Mangfall Beech **3324**



Wyoming Maple **3345**



Oxford Cherry **3376**

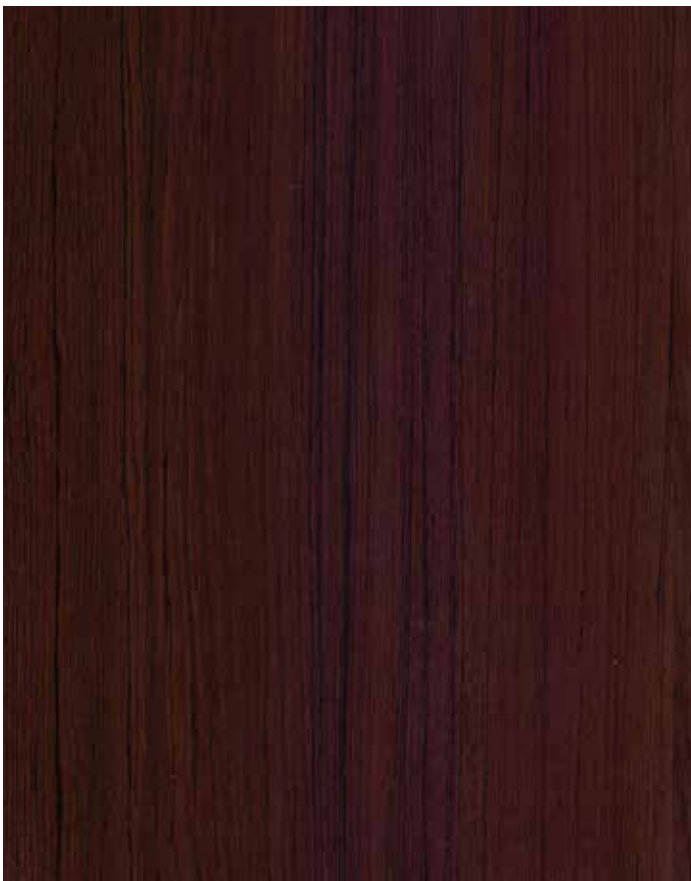


Natural Ebony **3438**





Evoluzion Teak **3451****



Smoked Teak **3454****



Classic Walnut **3523**

** Available only in 4 Ft. width





Decent Walnut **3524**



Fusion Maple **3525**



Highland Pine **3532**



Sapeli **3541**





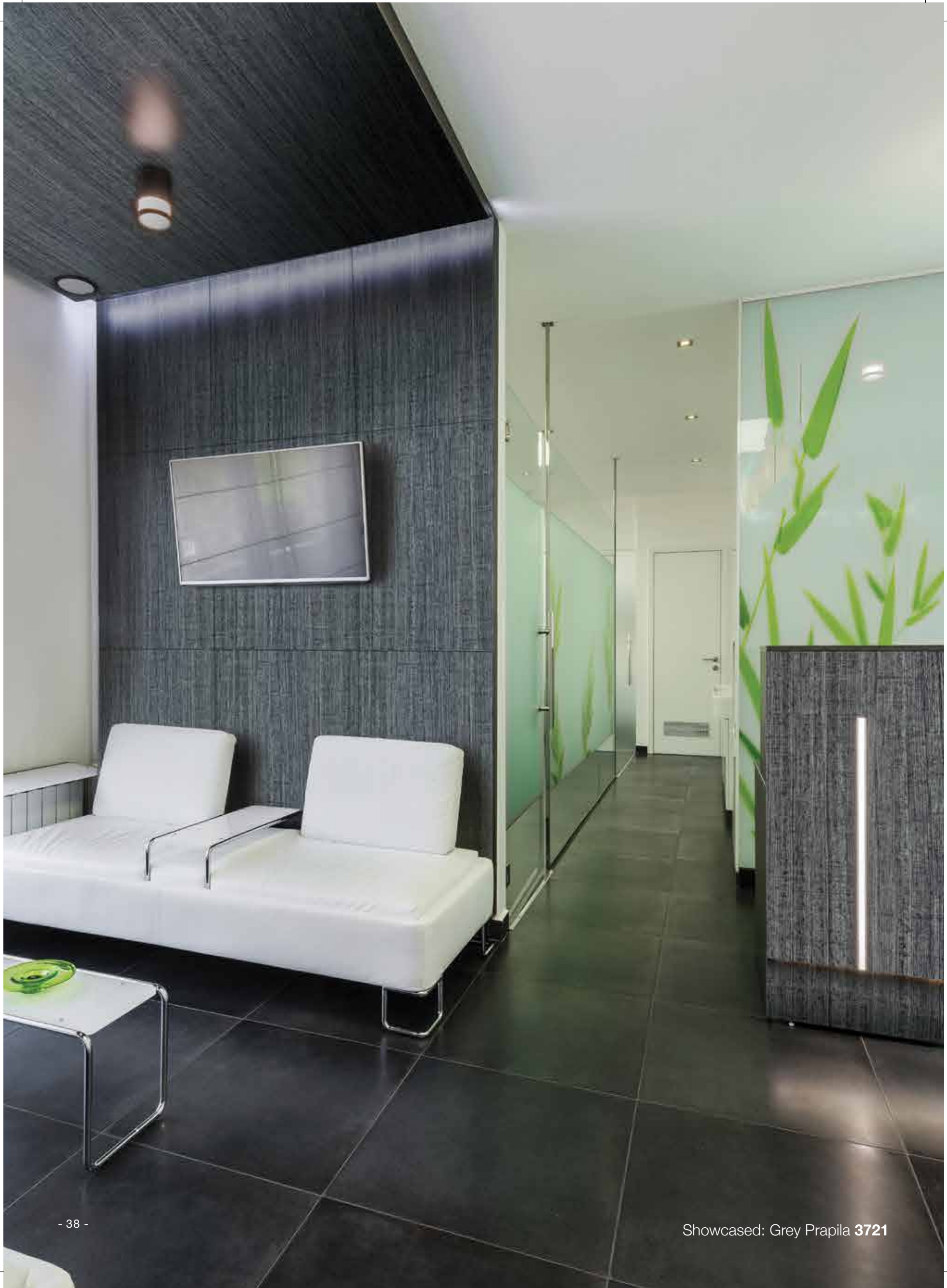
Sonoma Oak **3661**

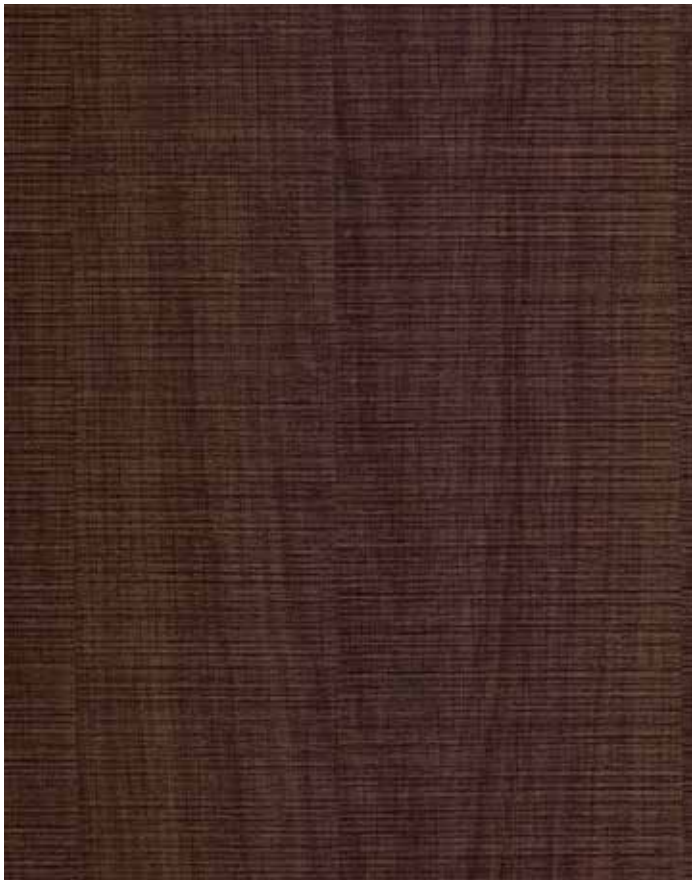


Napa Oak **3662**



Sandy Saw Line **3666**





Chocolate Saw Line **3667**



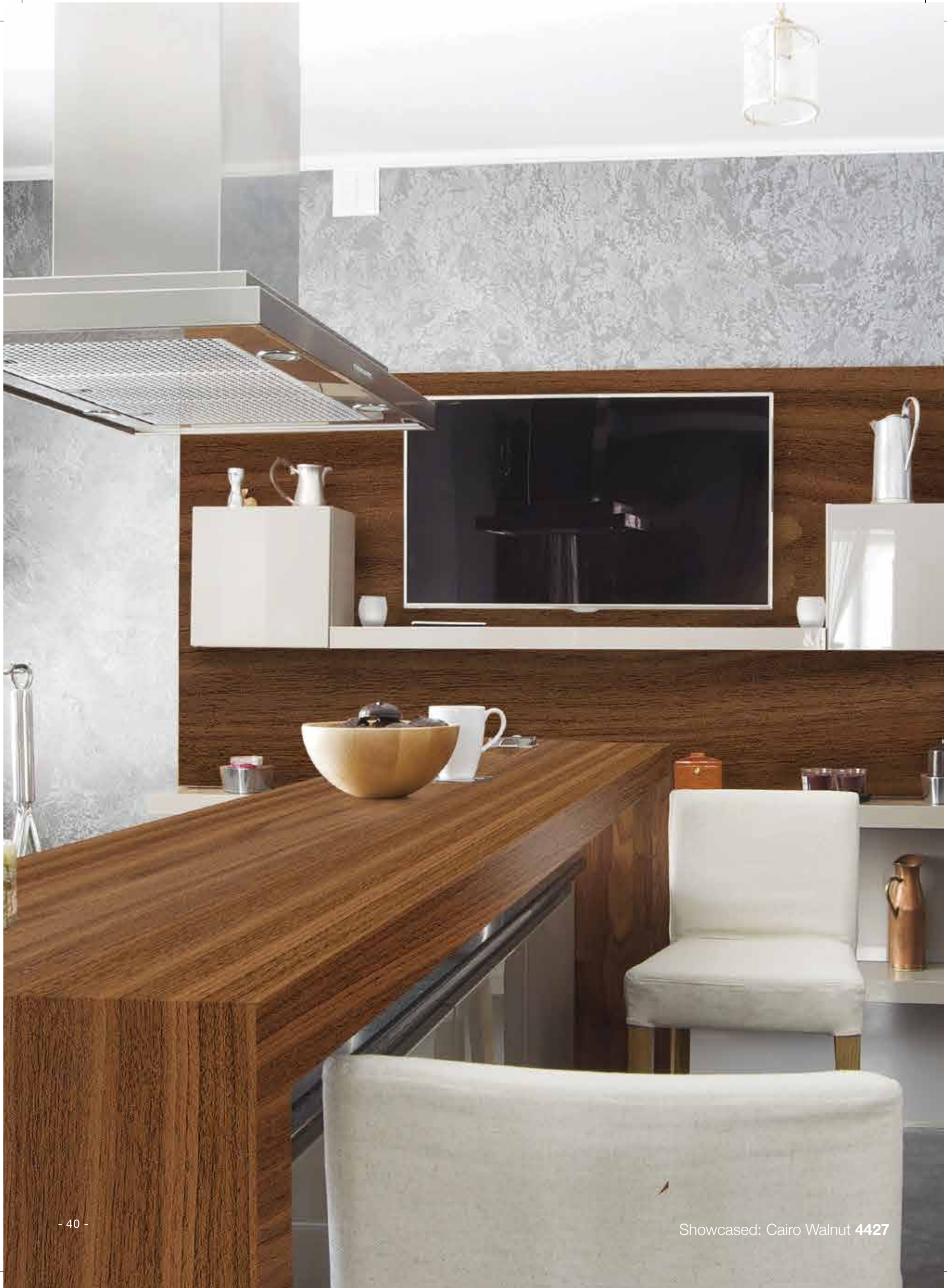
Moldau Acacia **3707**



Grey Prapila **3721**



Brown Prapila **3722**





Flowery Wenge **3793**



Cairo Walnut **4427**



Classsic Planked Walnut **4429**





Nayana Teak **4446**



Urban Teak **4447**



Snow Pine **4535**

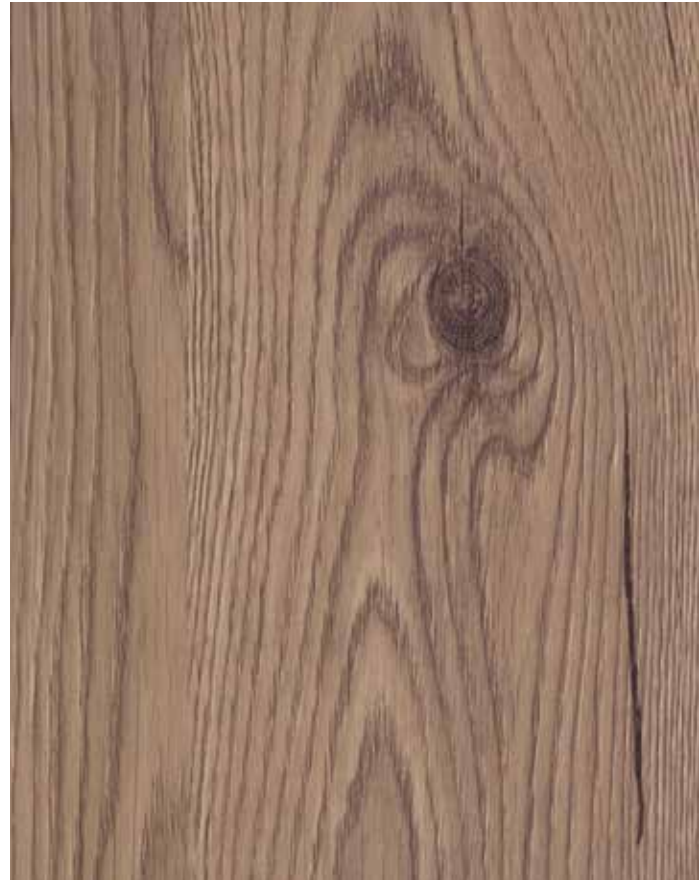


Smoked Pine **4536**





Blocked Oak **4662**



Valley Oak **4663**



Brown Recomposed Wood **4787****



Black Recomposed Wood **4788****

** Available only in 4 Ft. width

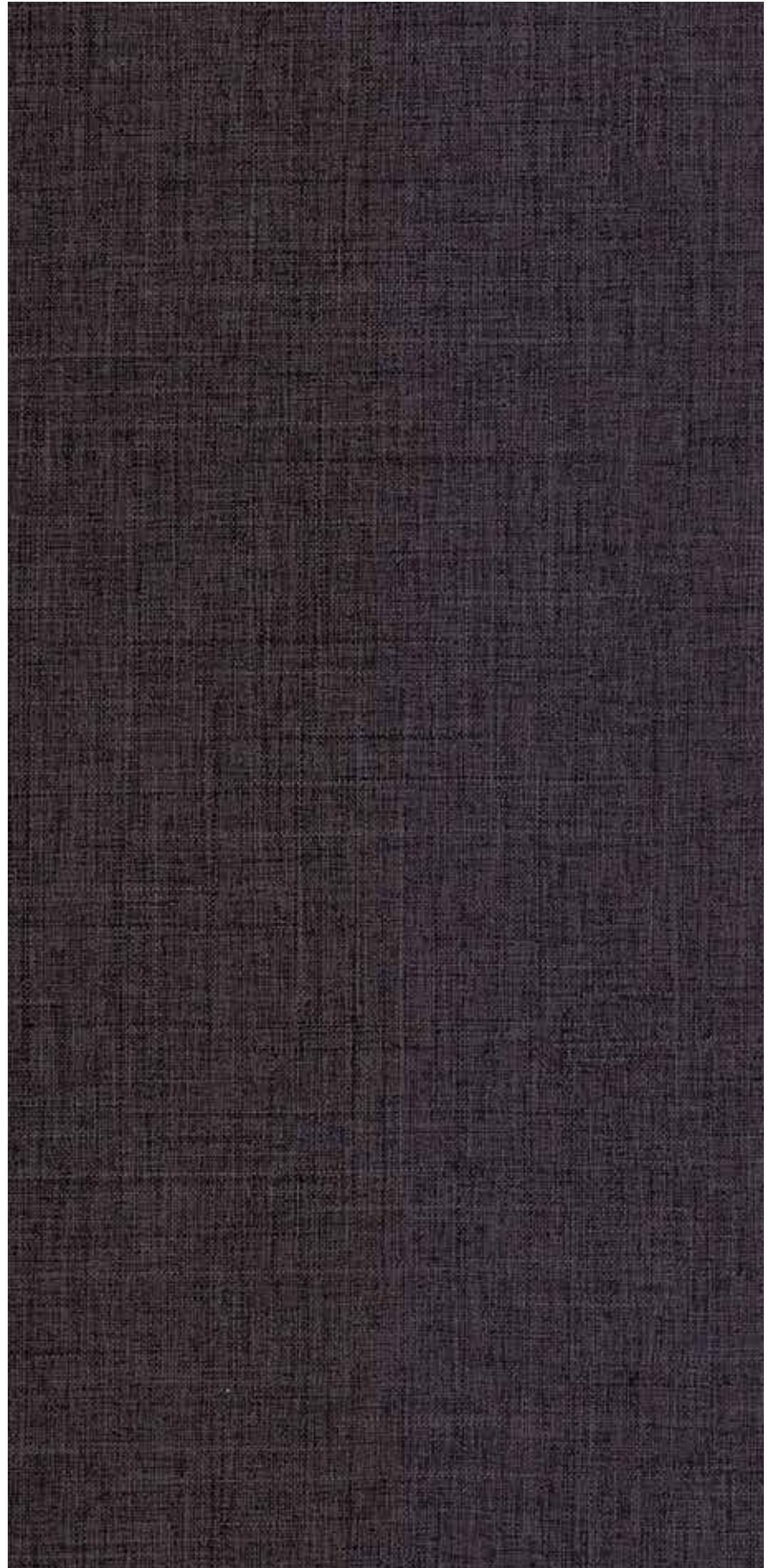




Brilliant Weave **4854**

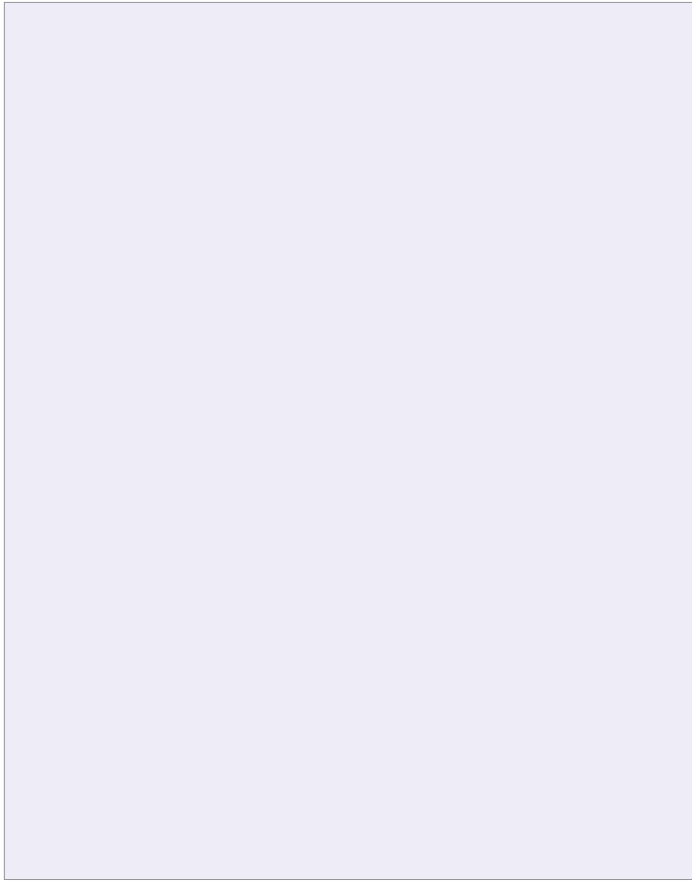


Genial Weave **4855**

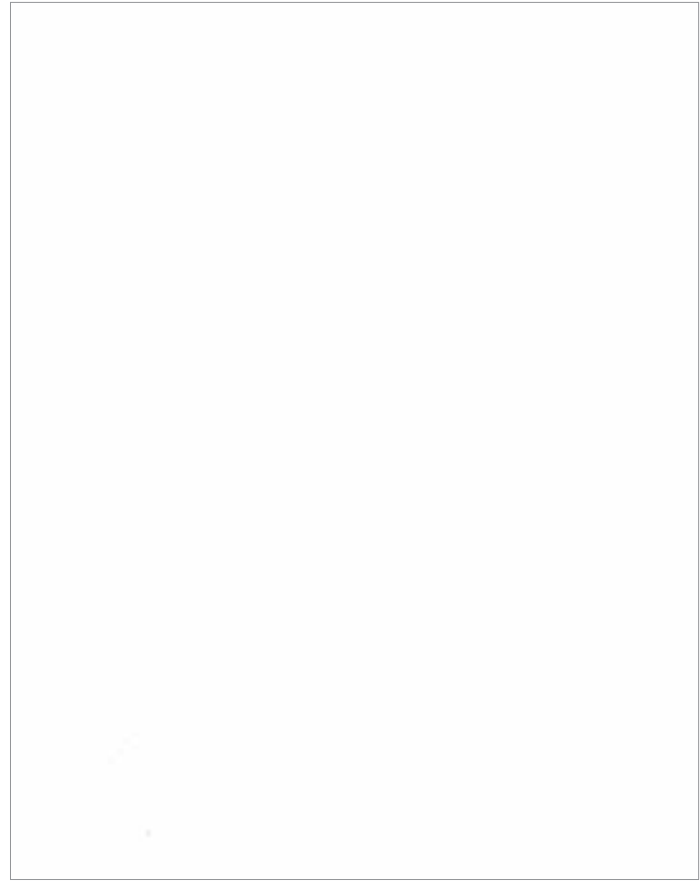


Brila Weave **4861**

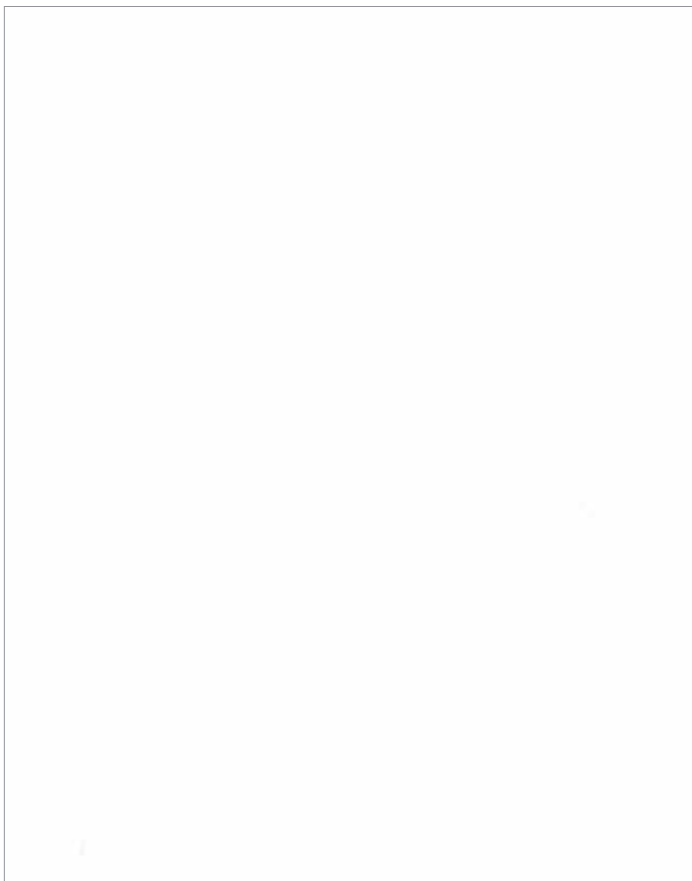




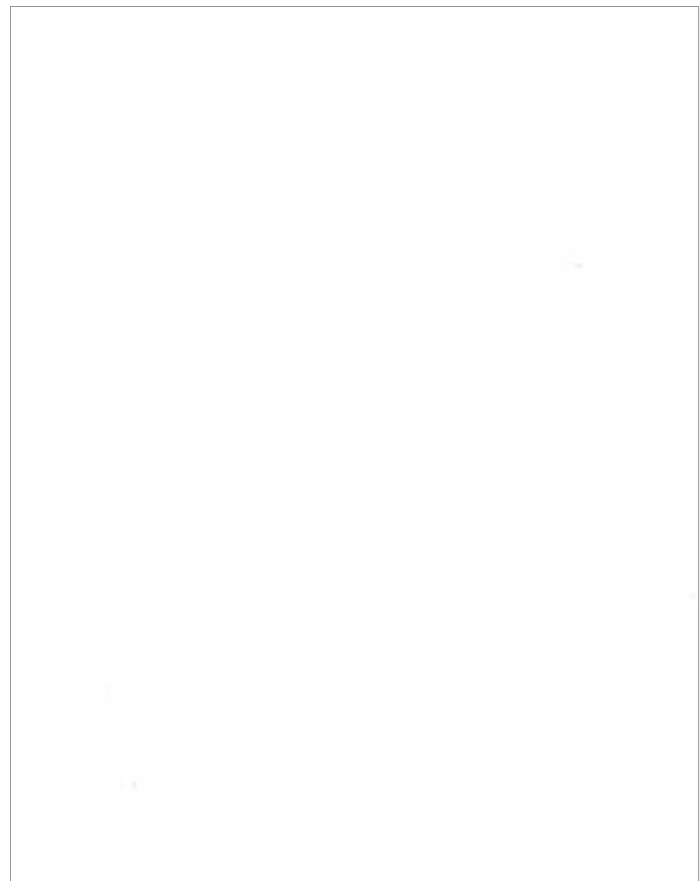
White Opal **103**



Snow White **106**

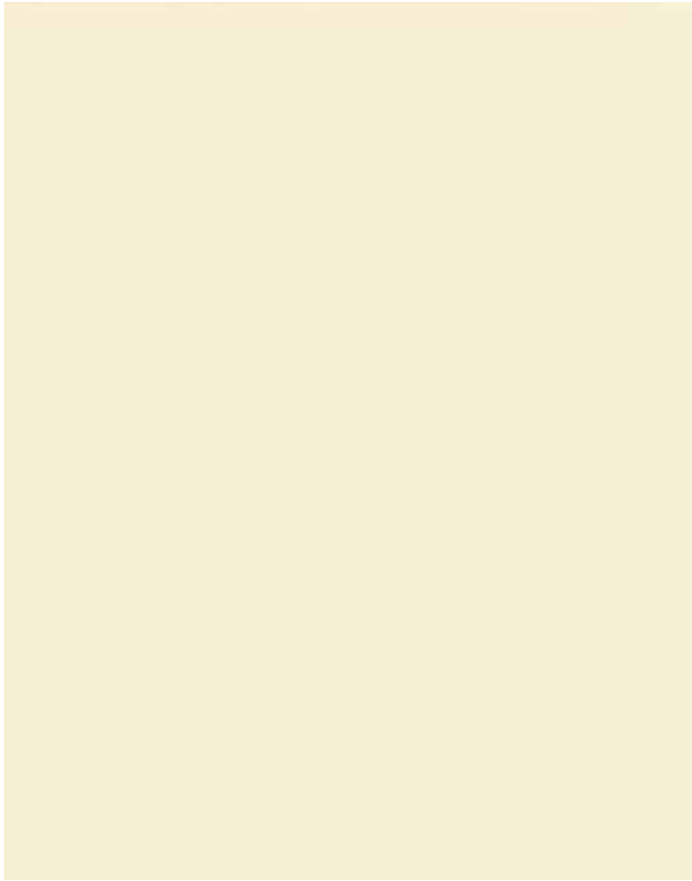


Frosty White **111**

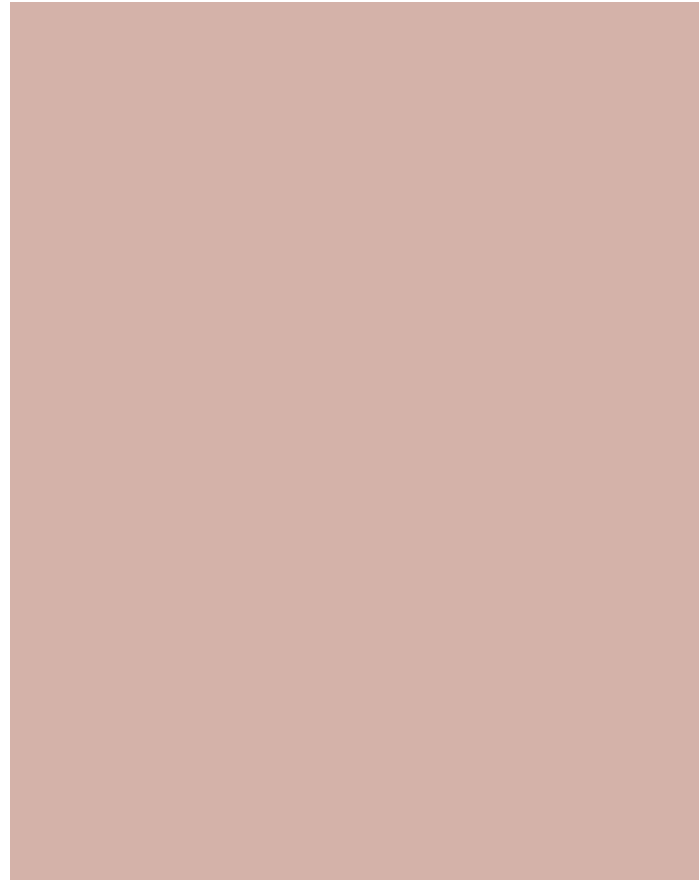


Off White **118**





Ivory **121**



Beige **163**

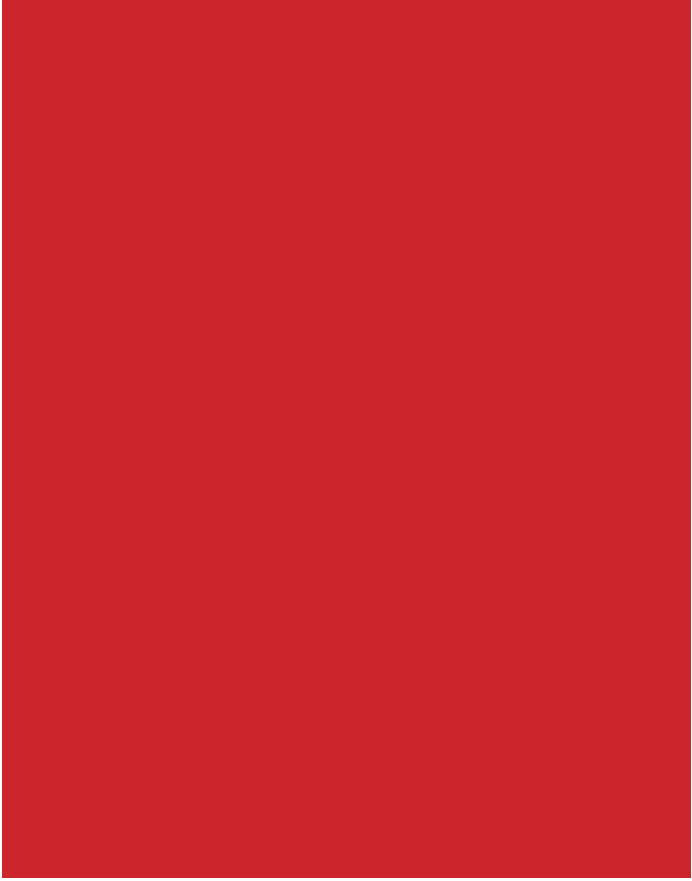


Chestnut Red **148**

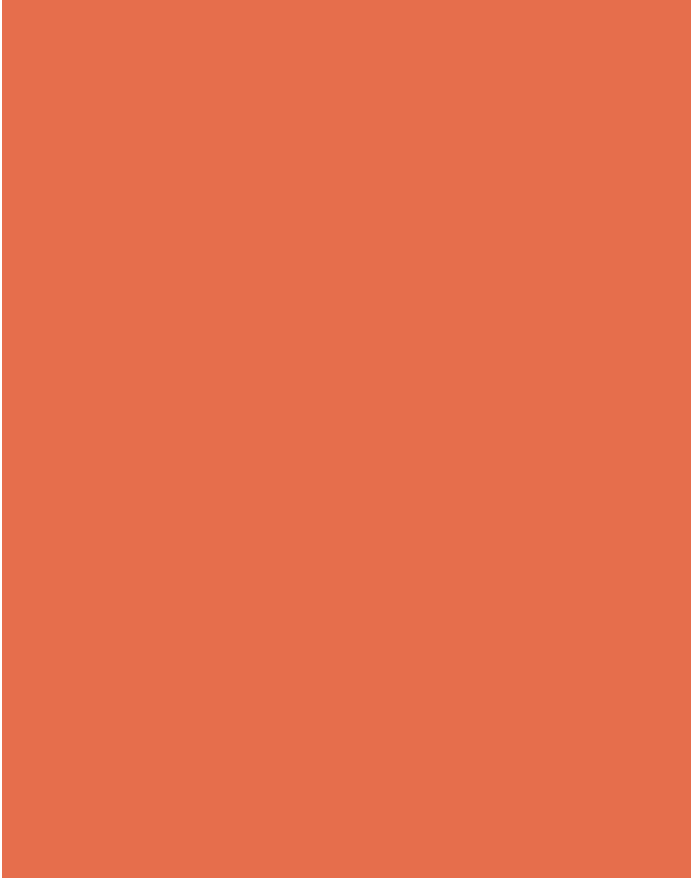


Burgundy **182**

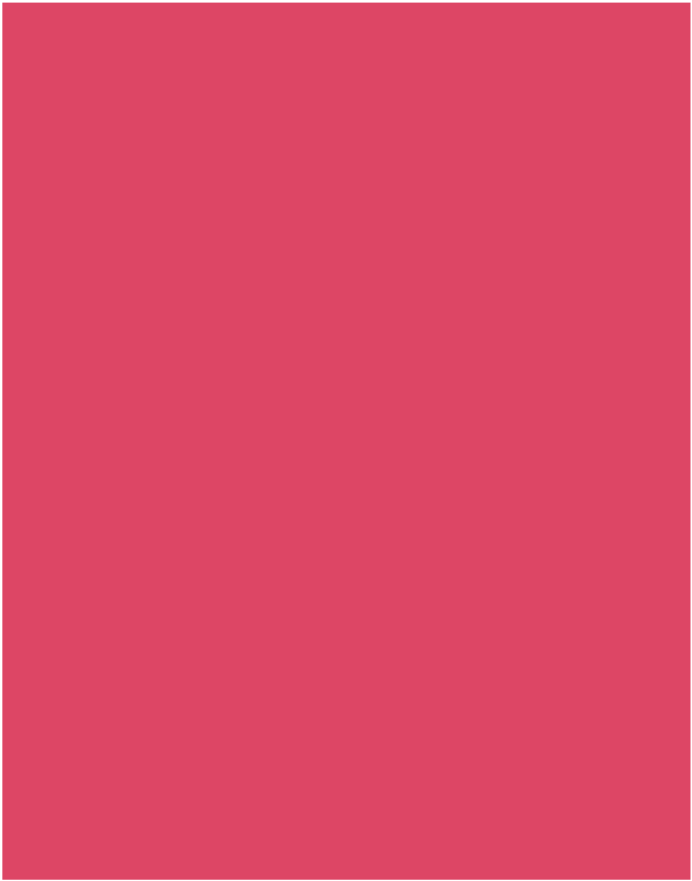




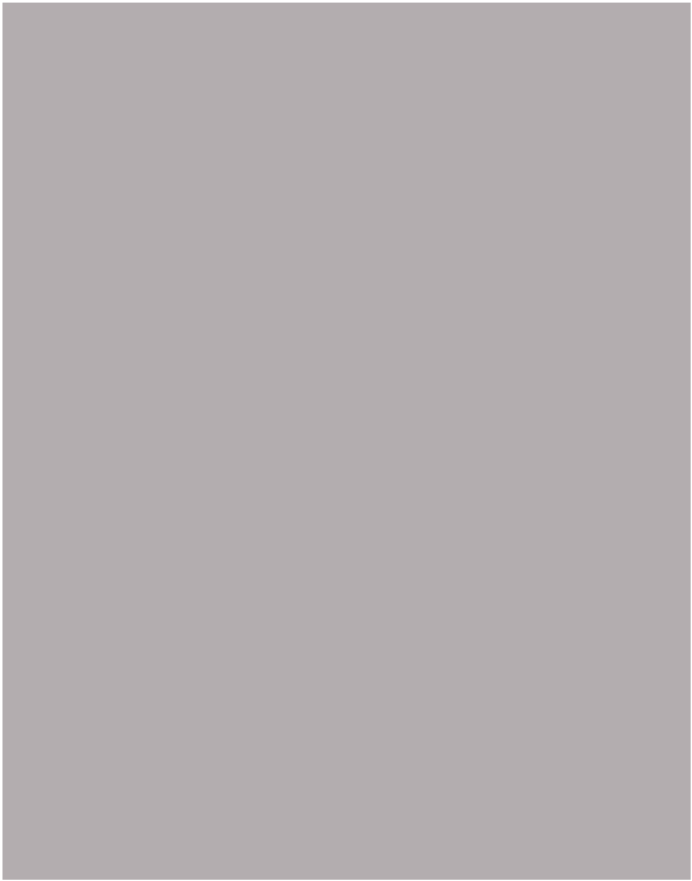
Blood Red **195**



Mandarin Garnet **219**



Pink **193****



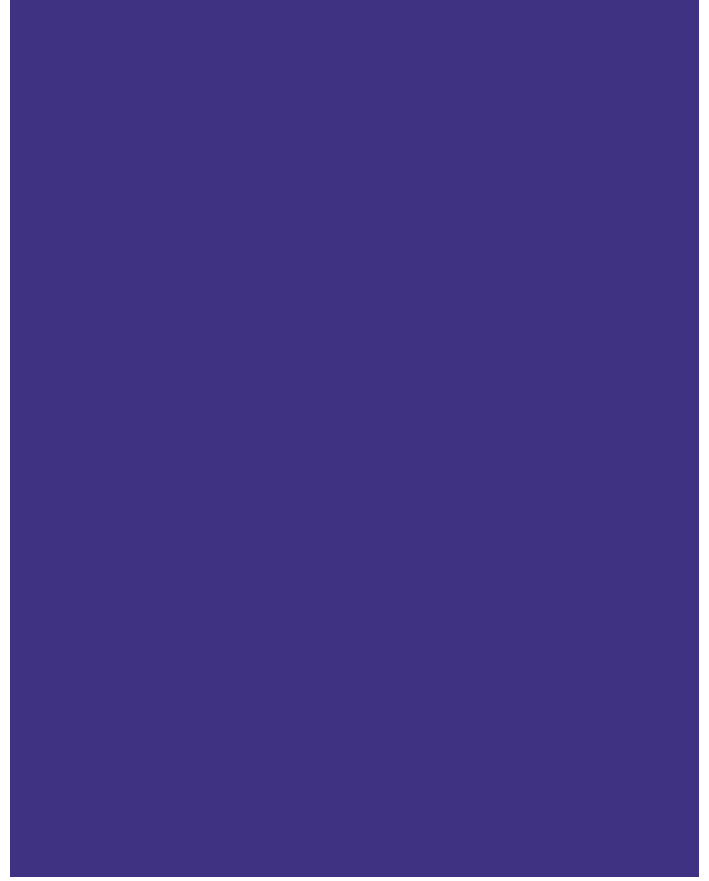
Silver Grey **222**

** Available only in 4 Ft. width

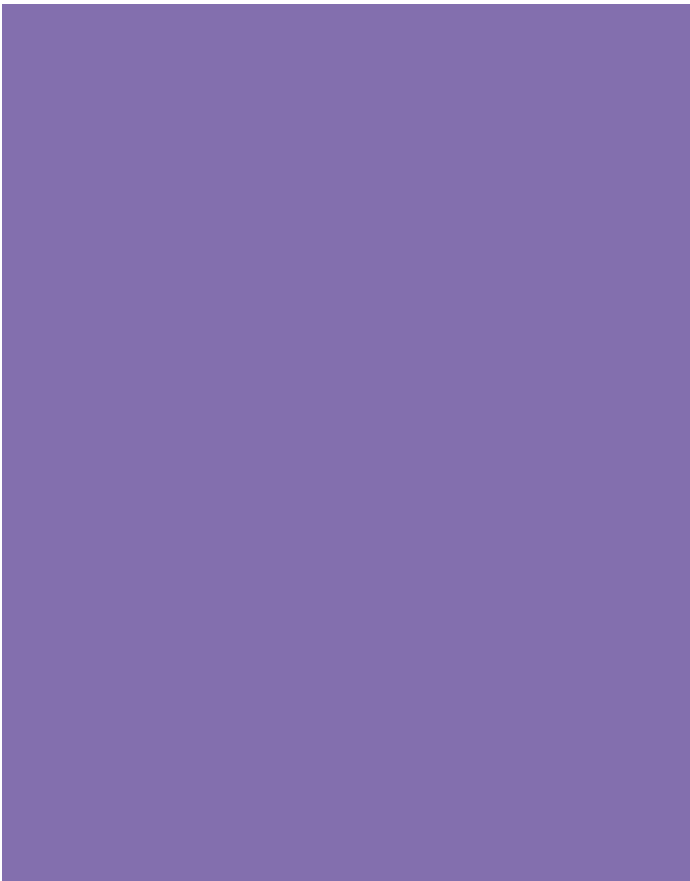




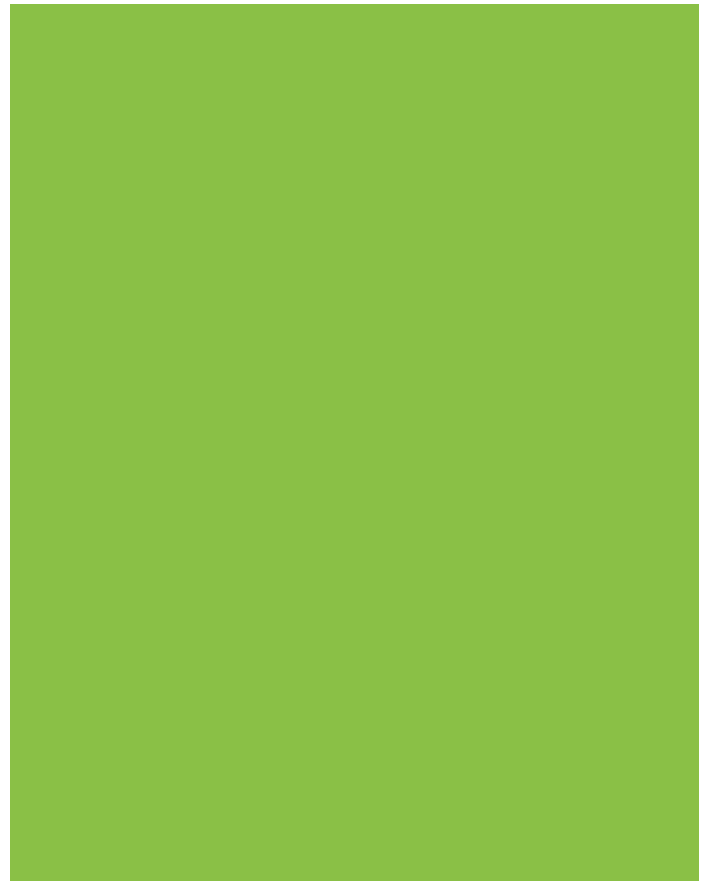
Graphite Grey **238**



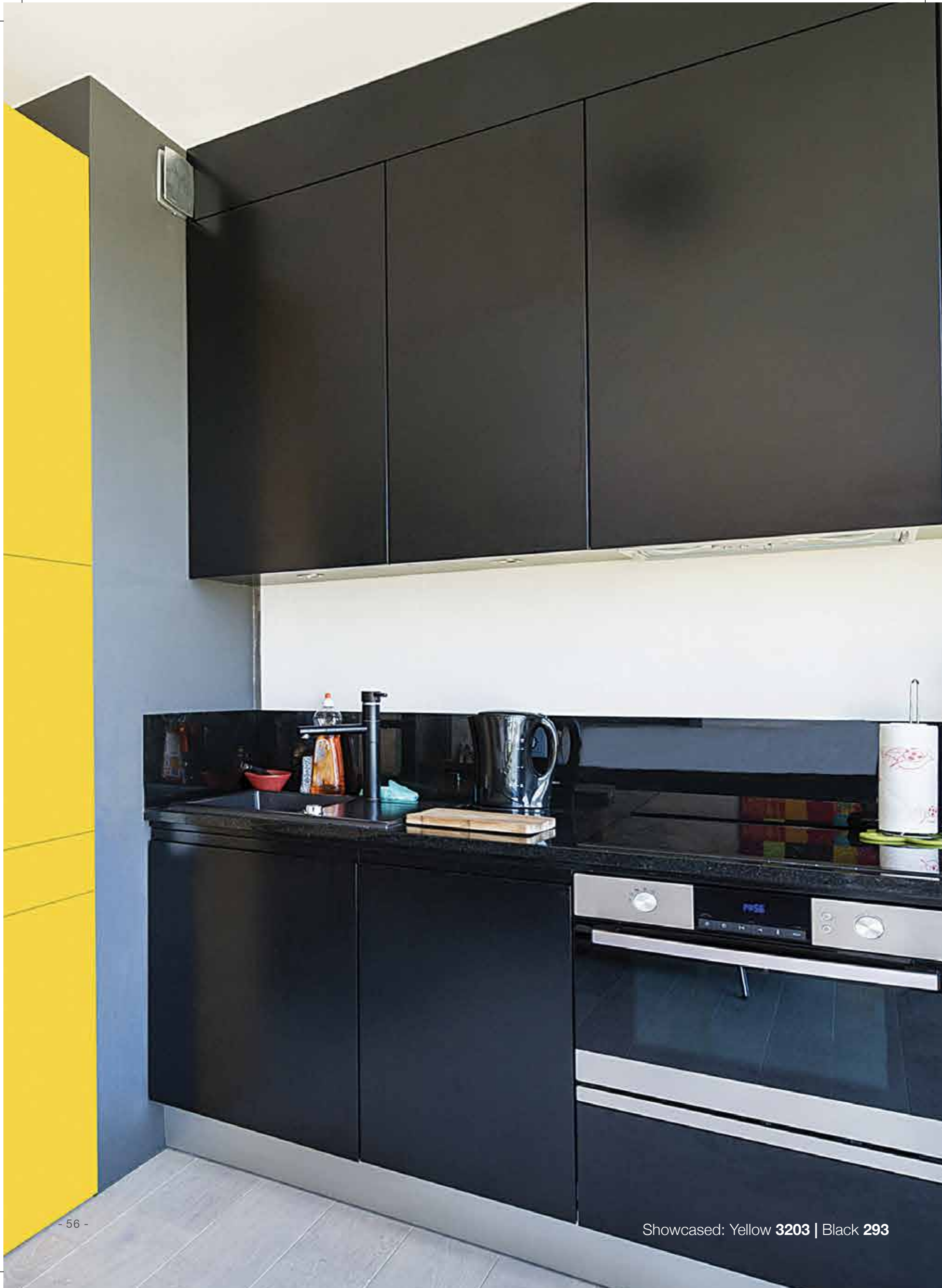
Violet **264**

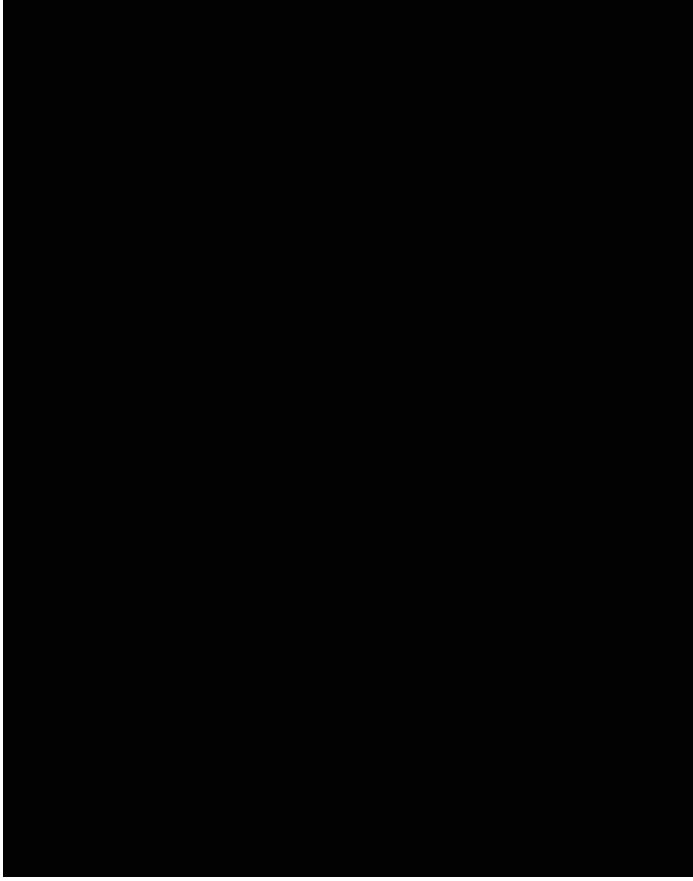


Lavender **261**



Bloom Green **289**





Black **293**



Yellow **3203**



Electric Blue **3242**

Specifications and Standards

Properties (Physical & Mechanical)	Specified as per IS 12823 : 1990	Century Pre-Lam Particle Board
Length (mm)	2440 + 06/-0	2440
Width (mm)	1840 +03/-0	1840
Thickness (mm)	18 ± 5%	18.13
Straightness (mm)/Meter	2 mm	0.3 mm
Squareness (mm) Meter	2 mm	0.4 mm
Appearance	No A, B, C defects	Defect-free
Density Kg/ Cu M	500-900	750
Density Variation % (Max)	±10	8
Water absorption % (Max)		
a. 2 hours	15	9
b. 24 hours	30	24
Thickness swelling %, 2 hours (Max)	8	6.5
Modulus of rupture N/Sq. mm (Min) Average	11	15.5
Modulus of Elasticity N/ Sq. mm (Min) average	2500	2600
Tensile strength perpendicular to surface (Min), N/Sq. mm	0.3	0.45
Screw Withdrawl strength (Min) N		
a. Face	1250	1300
b. Edge	750	900
Moisture Content %	5-15	7.5
Abrasion Resistance (min) in no. of revolutions	450	475
Resistance to stream	Shall not show any sign of blister, delamination or change in surface finish	Conforms
Crack Resistance	Shall not show any sign of cracks or delamination	Conforms
Resistance to Cigarette Burns	Shall not leave any mark or stain	Conforms
Resistance to Stains	Shall not leave any mark or stain	Conforms

Note: Pre-Laminated Particle Board conforms to IS 12823 : 1990 Grade II, Type II

Availability

Product	Finish	Size	Thickness
Plain Particle Board	NA	9'x6'(2750 mm x 1840 mm) 8'x6'(2440 mm x 1840 mm)	9 mm, 12 mm, 17 mm, 18 mm, 25 mm
Pre-Lam Particle Board	Suede & Matt	9'x6'(2750 mm x 1840 mm) 8'x6'(2440 mm x 1840 mm)	9 mm, 12 mm, 17 mm, 18 mm, 25 mm

*** Century Pre-Lam Particle Boards can also be supplied in E1 grade and HMR grade.

Prelam Particle boards are available in all colours and finishes shown in this catalogue

Certifications

Pre-Lam Particle Board PLB22 IS: 12823  CL/L-5248061	Pre-Lam MDF Board PLMDF22 IS: 14587  CM/L-5337767	 <p>Silver Nano Technology reduces microbial growth on the surface by 99.9%</p>	 <p>Indian Green Building Council MEMBER</p>
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*CenturyPly has an ongoing policy of design, development and improvement, and thus reserves the right to modify the product without any prior information.



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Engineered Panel Products Division

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Noida : 8750506206
Moradabad : 9675283164
Saharanpur : 9557618363
Meerut : 9068666066
Agra : 9793098555

Jaipur

Branch Office: E-52, Road No.04
Behind VHIA Police Station
VKIA, Jaipur, Rajasthan - 302013
Ph.: 0141-3064501, 9829739797,
9462222900, 9983431651

Udaipur : 9116130066
Jodhpur : 9785009073

Ludhiana

Branch Office: SCO 58, First floor,
New Grain market, Gill road,
Ludhiana-141003
Ph.: 9815330490
Amritsar : 8054900994

Bathinda : 9988833030
Chandigarh : 8283041155
Karnal : 9034786058
Hissar : 9467433111
Himachal Pradesh : 7837036878
Jammu : 9419156322

Lucknow

Branch Office: B 1330, Indira Nagar,
Lucknow-226016, UP
Ph.: 0522-3063500, 7318280444,
9918731398

Kanpur : 9839274757
Gorakhpur : 9458539505
Patna : 8541807963, 9599350560
Varanasi : 9839063749

Indore

Branch Office: AA/11, Papa Lal Tower
Scheme 54, Satya Sai Square,
AB Road, Indore - 452010
Ph.: 7869941780

Jabalpur : 8109351159
Gwalior : 9340081035
Bhopal : 9907752977
Raipur : 8871627000

East Zone

Kolkata

6 Lyons Range,
Kolkata - 700001
Ph.: 9167152897

Bhubaneswar

Branch Office: 40 & 41 Rasulgarh,
Near Narayani Motors Lines, Infront of
Image, Bhubaneswar - 751010
Ph.: 0674-2582502, 3270188,
7978154633

Guwahati

Branch Office: H No. 24, Ground Floor,
Piyoli Phukan Road
Rehabari, Guwahati - 781008
Ph.: 0361-2737871, 9435032182

Siliguri : 9051356668

Ranchi

Branch Office: Devi Mandap Road,
Near Mahavir Mandir, Hesar
Ratu Road, Ranchi, Jharkhand - 834005
Ph.: 9430734125

West Zone

Mumbai

Branch Office: 15th Floor, Range Heights
Behrmbaug, Jogeshwari (W)
Mumbai - 400 102
Ph.: 022-26734773/4, 022 - 39851207

Pune

Branch Office: Winner's Court,
Office No.402, 4th floor,
Above ZK's Restaurant
Lulla Nagar Chowk
Pune - 411040
Ph.: 8806062926

Kolapur : 8007658276
Nasik : 9890190663

Nagpur

Branch Office: 2nd Floor, 202 Crystal
Plaza, Central Bazar Road, Ramdaspath,
(Beside Krims Hospital)
Nagpur - 440011
Ph.: 0712 - 2450450, 9545303037

Ahmedabad

Branch Office: 1006-1009
Sakar- 3, 10th Floor
Nr. Income Tax Circle, Ashram Road
Ahmedabad - 380014
Ph.: 9898112599

Rajkot : 9725858490
Vadodara (Baroda) : 7600053880
Surat : 9510657457

South Zone

Bangalore

Branch Office: # 92, 3rd Floor, HJS
Chamber Next to Pride Hotel,
Richmond Road, Bangalore - 560025
Ph.: 080-39403950, 9845032960

Mysore & Mangalore : 9620777255
Hubli : 9535845667

Chennai

Branch Office: 2/1 First Floor,
Sattana Naciken Street,
Inside Nehru Timber Market Choolai,
Chennai- 600112
Ph.: 044 - 30544500, 9380001700

Coimbatore : 7845777001
Madurai : 9655245229

Kochi

Branch Office: Ground Floor
Alakalathil Building
Edapally P O. Kochi
Kerala - 682024
Ph.: 0484-2575103

Trivandrum : 9946106417
Kochin : 9946104486
Calicut : 9946104476

Secunderabad

Branch Office: 405 A, 4th Floor
Minerva Commercial Complex
SD Road, Secunderabad - 500003
Ph.: 040-39403950 - Ext: 304,
9177526805

Hyderabad : 9963726227, 8297011157
Vijayawada : 8297011662, 9704013334



MATT FINISH SAMPLE

