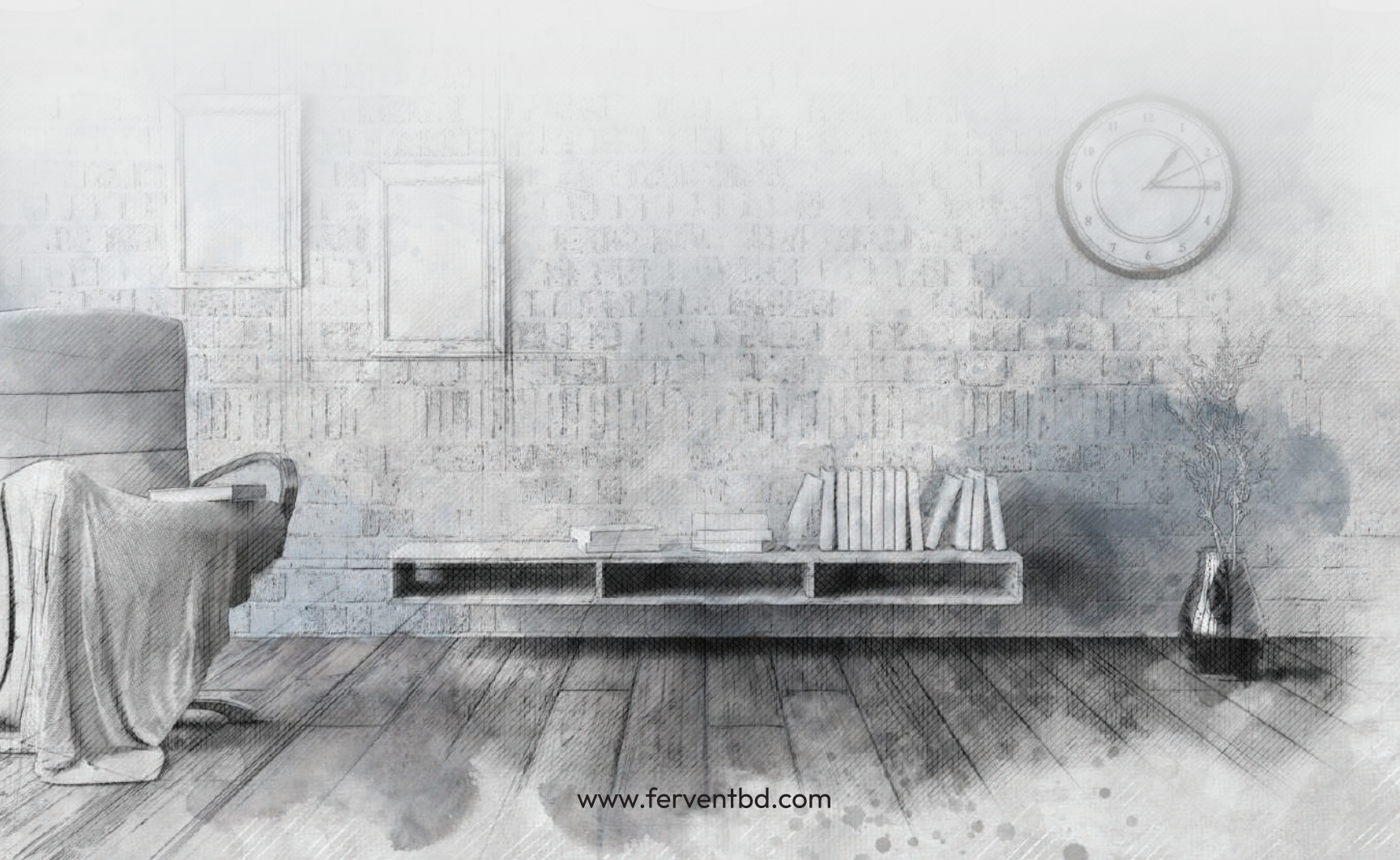


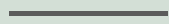
2025

PRODUCT CATALOG

FERVENT
build beautiful..



Let's
Build
Beautiful..



ABOUT FERVENT

At Fervent Multiboard Industries Ltd, we are redefining wood-based panels through our commitment to quality, innovation and sustainability. Founded with a passion for craftsmanship, we have become a trusted name in the industry, continuously pushing boundaries to deliver creative solutions.



Our journey began in 2022 with a bold vision: to unite innovation, aesthetics and functionality in the board industry. Since then, we have focused on design research, material exploration and laying the foundation for a state-of-the-art production ecosystem.

In 2023, we prepared for future expansion by building strategic partnerships with global suppliers and experts to ensure our offerings meet international standards. By 2024, we reinforced our commitment to sustainability, embedding eco-conscious practices into every aspect of our planning and production.

Looking ahead to 2026, our focus remains on driving innovations that will shape the future of the board industry. We do not just build products; we craft beautiful, sustainable solutions that inspire creativity and stand the test of time.





MISSION

Our mission is to influence the world of building materials by serving sustainable, high-quality and creative solutions for modern interiors. We combine next-generation technology with a commitment to keep improving, delivering materials that are not only functional but also beautifully designed and eco-friendly.

VISION

Fervent's vision is to become a trusted global leader in sustainable and modern building materials. We aim to be a key part of everyday living spaces in everyone's life- innovating with purpose, caring for the environment. Additionally, we are committed to consistently delivering superb quality and becoming the No. 1 company in the board manufacturing industry in Bangladesh, which will position us as a **trusted global leader** in the world economy as well.

New Generation Manufacturing Plant

Located in the Jamalpur Economic Zone, Bangladesh, Fervent proudly operates one of the largest board production facilities in the country. With an impressive daily output of approximately 500 cubic meters of particle board (PB) and 400 cubic meters of medium-density fiberboard (MDF), Fervent is setting a new standard in the industry.

At the heart of our innovative manufacturing facility is the world-renowned German technology, the Siempelkamp ContiRoll® Press, which ensures unparalleled efficiency and quality. We are one of the few board manufacturers in Bangladesh equipped with an in-house chip storage system that automatically delivers chips to the flaker machine, streamlining the production process.

Our commitment to quality is further reinforced by state-of-the-art innovations such as the Debarker and Z-Shifter, which guarantee the production of superior MDF, HDF and HMR boards. Additionally, Fervent leads the way in sustainable practices by reusing flue gas and heat energy generated from biomass energy plants, achieving near-zero energy loss while protecting the environment.

To maintain the highest standards of safety and quality, we use a urea-formaldehyde binder in a meticulously controlled manner, adhering to American, European, and Japanese standards to regulate formaldehyde emissions. With our dedication to innovation, quality and sustainability, Fervent is highly committed to the board manufacturing industry, setting benchmarks for excellence and responsibility.



PLAIN MDF BOARD

The Medium Density Fiber Boards (MDF) from Fervent Multiboard Industries Ltd. offer exceptionally smooth and stable surfaces, making them the perfect base for painting, decorative lamination or the application of wood veneers. Renowned for their inherent stability, excellent maintainability and high strength, our MDF boards serve as an outstanding alternative to solid wood. What sets Fervent MDF apart is its superior fiber quality and meticulously controlled density profile, resulting in exceptional machining and finishing characteristics. This makes our boards highly versatile and ideal for a wide range of applications, delivering outstanding performance and reliability to our customers.

Available Size : 4 Feet x 8 Feet

Available Thickness (mm) : 2.5, 2.7, 3, 5, 6, 8, 9, 12, 15, 16, 17

Recommended Application of Plain MDF

- Interior Decoration
- Wall Panelling
- Wall Partition
- Interior Cabinet
- Kitchen Cabinet
- Furniture Manufacturing

The Big Differentiator Why Fervent MDF?

- Uniform Density
- High MOR & MOE
- Equilibrium Moisture Content
- High Screw Holding Capacity
- Termite & Insect Resistant
- Anti Fungal



PLAIN PARTICLE BOARD (WOOD CHIPS)

Fervent's Plain Wood Chips Particle Board is manufactured by combining high-quality wood chips with specially formulated UF resin and other premium-grade chemicals. This process results in robust, durable boards that are ideal for various applications. We offer two distinct types of Plain Wood Chips Particle Boards to meet diverse needs: Plain Particle Board Regular - A versatile option suitable for general use. Plain Particle Board - Lacquered Grade - A premium variant with a lacquered finish for enhanced aesthetics and surface protection.

Available Size : 4 Feet x 8 Feet

Available Thickness (mm) : 6, 9, 12, 15, 16, 18, 25, 36

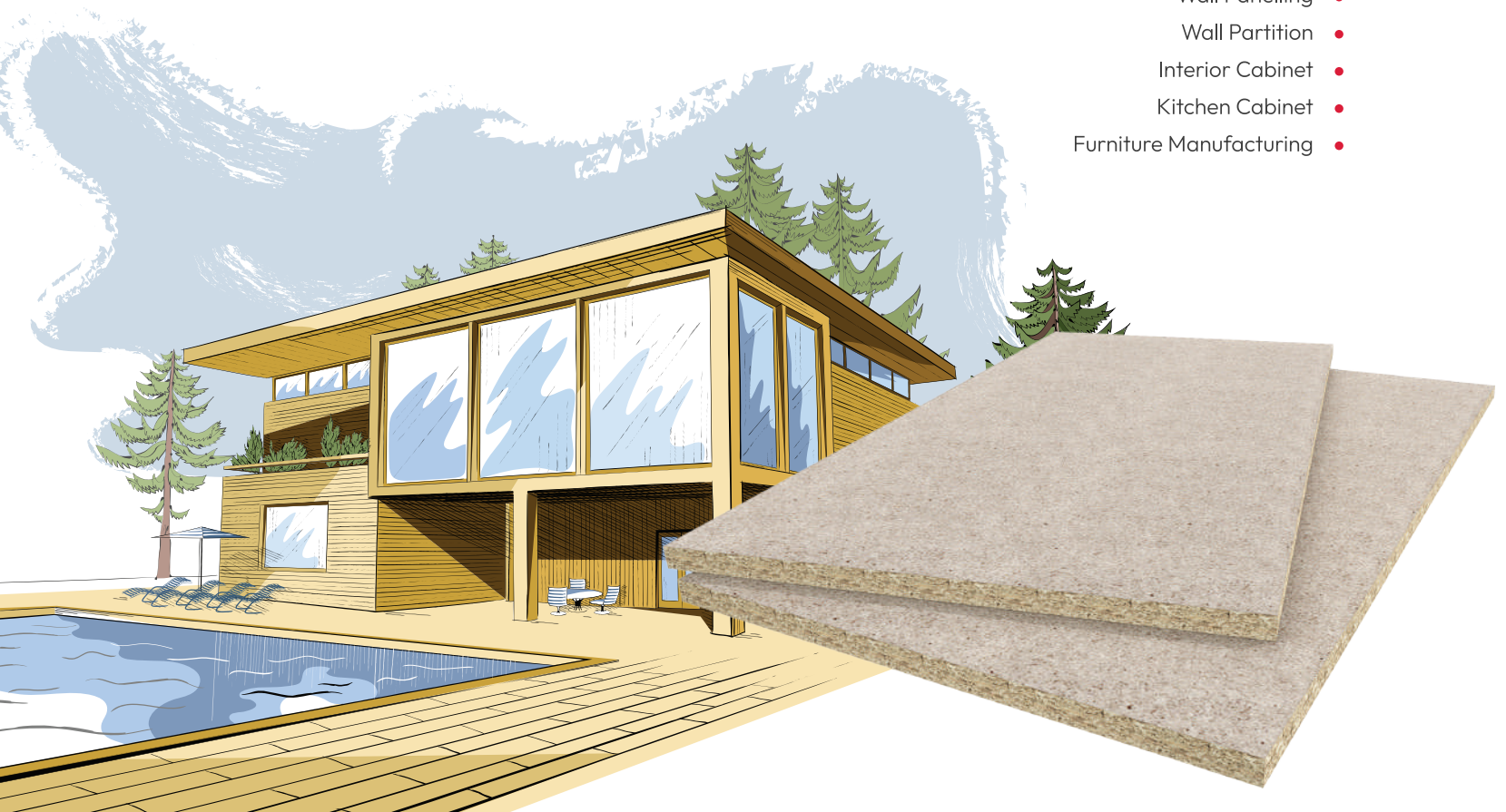
Customized Thickness (mm) : 6 to 36

Top 7 Reasons to Prefer Plain Particle Board

- Uniform Density
- Thickness Accuracy
- High MOR & MOE
- Equilibrium Moisture Content
- High Screw Holding Capacity
- Termite & Insect Resistant
- Anti Fungal

Recommended Application of Plain Particle Board

- Interior Decoration
- Wall Panelling
- Wall Partition
- Interior Cabinet
- Kitchen Cabinet
- Furniture Manufacturing



Fervent Interior Grade MDF

Fervent Interior Grade MDF is our finest regular-density MDF board, engineered to deliver unmatched quality and versatility. With its homogeneous fine texture, superior bonding strength, inherent stability and simple machinability, this premium MDF board is the ideal choice for both residential and commercial interiors.

Thanks to its exceptional properties, Fervent Interior Grade MDF opens up endless design possibilities. Whether it's cupboards, wardrobes, wall panels, tabletops, toys, trophies or handicrafts, this versatile board adapts seamlessly to any project, offering infinite applications with remarkable durability and finish.

Experience the ultimate combination of quality and adaptability with Fervent Interior Grade MDF - the perfect solution for modern interior innovation.

Smooth Surface Finish

Ideal for painting, veneering or laminating.

Affordable Alternative

More cost-effective than solid wood.

Consistent Quality

No natural defects like knots or grain variations.

Easy to Cut & Shape

Works well with CNC and manual cutting tools.

Eco-Friendly Option

Made from recycled wood fibers.

High Screw Holding Strength

Ensures strong and durable furniture.

Warp & Crack Resistant

More stable than natural wood.

Versatile Applications

Perfect for furniture, cabinets and wall panels.

Smooth Edges for Finishing

Eliminates the need for edge banding in some cases.

9 Reasons to Buy Fervent Interior Grade MDF





State of the art

Manufacturing Process

With the integration of exclusive and fully automated German technology, our plants achieve high-capacity production while maintaining international quality standards. This advanced system ensures efficiency, precision and consistency, reinforcing our commitment to excellence.

Our manufacturing process is powered by the following state-of-the-art machinery:

Siempelkamp Continuous Pressing Technology: Our state-of-the-art manufacturing facility is powered by world-renowned German technology from Siempelkamp. The advanced ContiRoll® continuous press system ensures the production of high-quality Particle Board (PB), while the Küsters press guarantees precision-crafted MDF, all meeting international standards.

Steinemann Sanding Machine: Our Particle Board (PB) production features an advanced 4-head and 8-head sanding machine, powered by world-class German technology. This ensures a flawless, smooth surface finish, enhancing the board's quality and making it ideal for premium applications.

Fuji King Debarker: Our facility is equipped with a world-renowned Japanese technology robust rotor-type debarking system, designed to remove bark from logs ensuring better quality chips.

Sunds Fibertech Z-Sifter: Our facility incorporates advanced German technology to ensure better quality fiber, separating oversized and glue lumps.

Firefly Fire Protection System: A German advanced technology that helps to automate state-of-the-art spark detection and fire protection systems for maximum safety against fire hazards.

IMAL Integrated Resin Dosing System: With the power of advanced Italian technology, our system enhances bonding efficiency and improves board strength with precise resin application.

Biomass-Based Energy Generation: Ensures high-efficiency, clean energy by utilizing process waste for sustainable production.

World-Class Quality Control Lab

Here, we at the Fervent team, uphold the highest standards of quality and our smoothest authentic Italian technology is at the core of our world-class testing lab. Using the latest in Italian-designed machinery, our lab ensures that every Particle Board we produce meets the most rigorous quality standards.

Equipped with advanced, top-tier testing equipment and a carefully structured testing schedule, we guarantee flawless consistency and reliability. The integration of Italian technology ensures precision in every test, giving us the confidence that our products are of top-tier quality.





Contents

1	Melamine Board
3	Elite Oak Series
13	Classic Wooden Series
16	Fabric Series
18	Ultra Polished Marble Series
23	Pro Teak Series
27	Signature Series



33	Maple Series
35	Wonder Board Series
37	Leather Series
39	Solid Color Series
42	Veneer Board

MELAMINE BOARD



PB Melamine

Specification	Feature	Application
Available Size : 4 Feet x 8 Feet	 Uniform Density	 Interior Decoration
Available Thickness (mm) : 6, 9, 12, 15, 16, 18, 25, 36	 High MOR & MOE	 Wall Panelling
Customized Thickness (mm) : 6 to 36	 Equilibrium Moisture Content	 Wall Partition
	 Anti Fungal	 Interior Cabinet
	 High Screw Holding Capacity	 Kitchen Cabinet
	 Termite & Insect Resistant	 Furniture Manufacturing

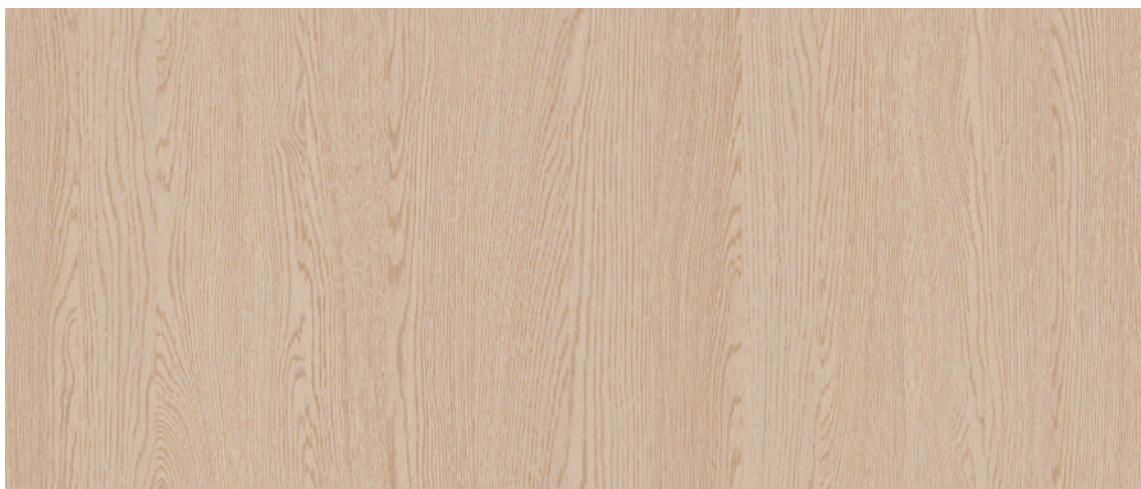
MDF Melamine

Specification	Feature	Application
Available Size : 4 Feet x 8 Feet	 Smooth Surface	 Interior Decoration
Available Thickness (mm) : 5, 6, 8, 9, 12, 15, 18	 High Strength & Durability	 Wall Panelling
	 Environment Friendly	 Door & Door Frame
	 Anti Fungal	 Display & Retail Fixture
	 High Screw Holding Capacity	 Craft & DIY Project
	 Termite & Insect Resistant	 Furniture Manufacturing

HDF Melamine

Specification	Feature	Application
Available Size : 4 Feet x 8 Feet	 Smooth Surface	 Decorative Panel
Available Thickness (mm) : 5, 8, 12, 15	 High Strength & Durability	 Wall Panelling
Customized Thickness (mm) : 5 to 15	 High Density	 Flooring Lamination
	 Sound & Heat Insulation	 Interior Door Panel
	 Moisture & Termite Resistant	 Kitchen Countertops
	 Excellent Machine Ability	 Furniture Manufacturing

ELITE OAK SERIES



FE0068

PINE OAK

Bring nature's grandeur into modern spaces



FE0067

ELEGANT OAK

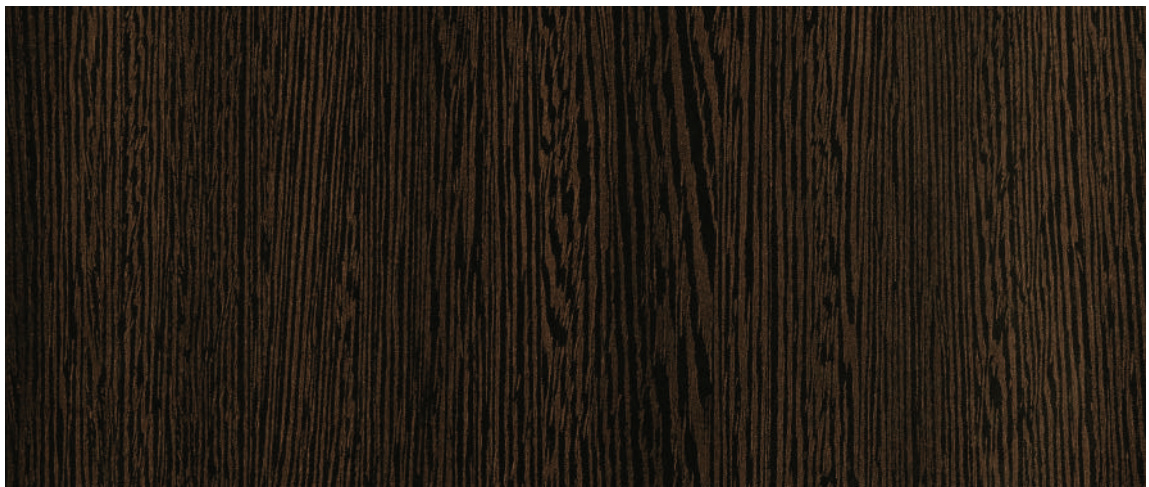
Where luxury and durability blend seamlessly



FE0033

RED OAK

Radiate warmth with subtle sophistication



FE0065

DARK OAK

Timeless charm for contemporary living



FE0066

WOODEN CANVAS

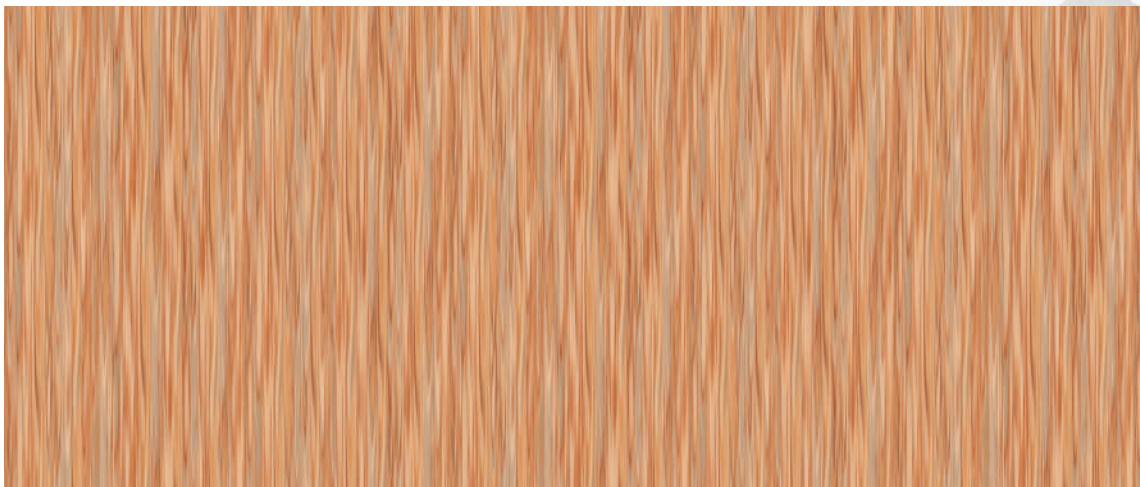
Nature's rugged beauty, redefined



FE0034

STRAIGHT CHERRY

Sunlit elegance for every corner



FE0032

NEW BAMBOO

Bold textures that make a statement





FE0015

ALBINO OAK

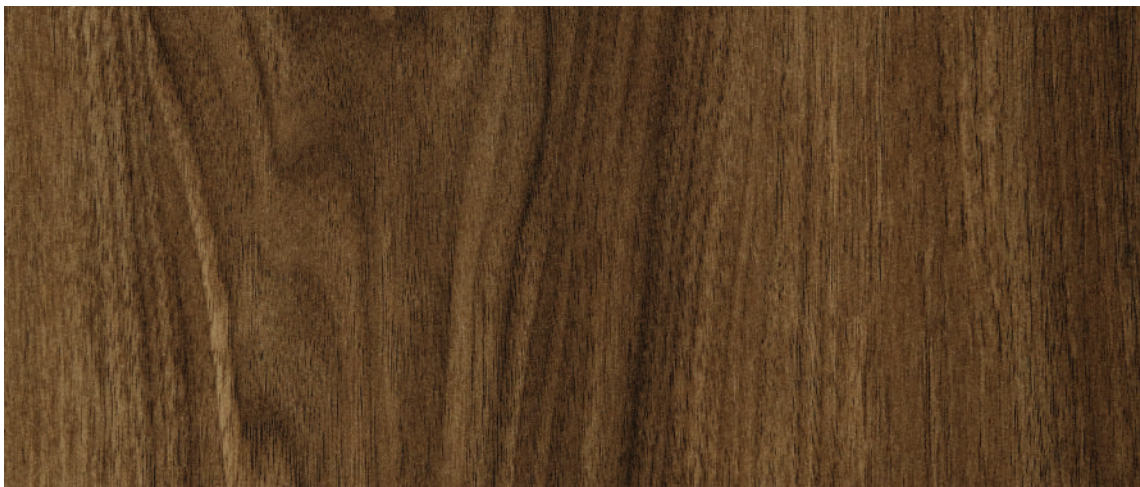
Effortless grace with a refined touch



FE0035

NEW TEAK

Add depth with rich, bold textures



FE0040

PURE OAK

Heritage meets modern artistry



FE0017

BEECH

Sleek sophistication for modern minds



FE0020

BLACK BERRY

Daringly dark, infinitely elegant





FE0016

HAVANA OAK

Organic warmth with an earthy soul



FE0018

ANATURE

Pure simplicity that illuminates spaces



FE0031

BLACK EBONY (CHINA)

A touch of nature's rugged charm



FE0024

WHITE OAK

Fresh vibes wrapped in natural beauty



CLASSIC WOODEN SERIES



FC0025

SILVER LINE

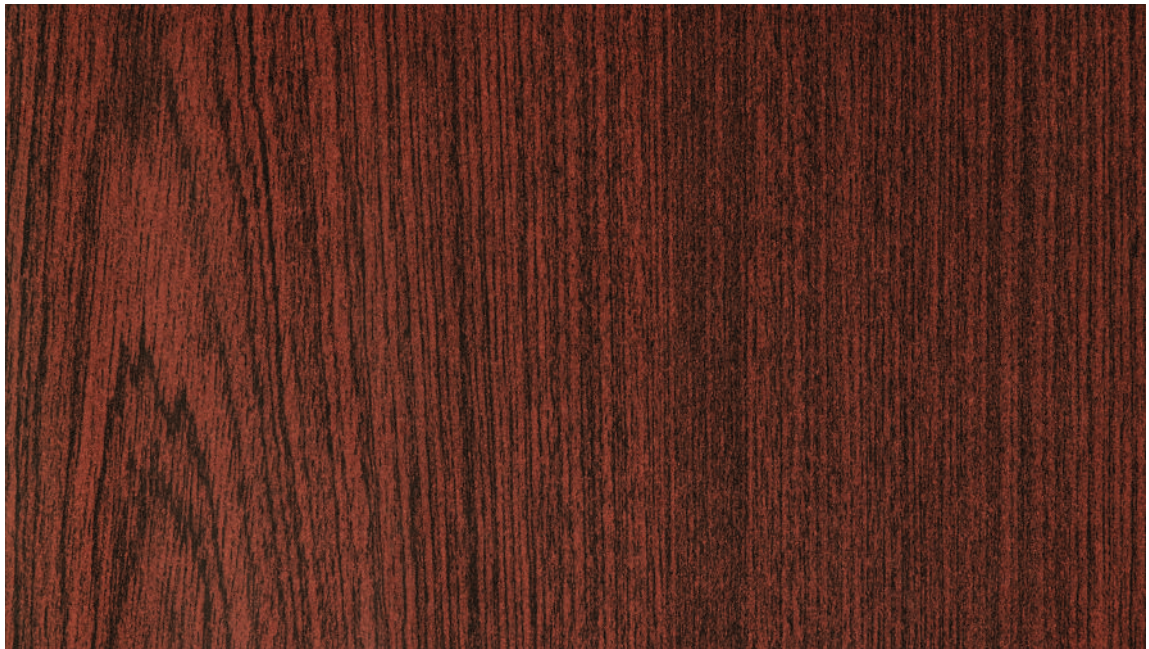
Experience the grandeur of nature in every grain



FC0023

ANTIQUE

Sophistication rooted in nature's finest



FC0021

MAHOGANY

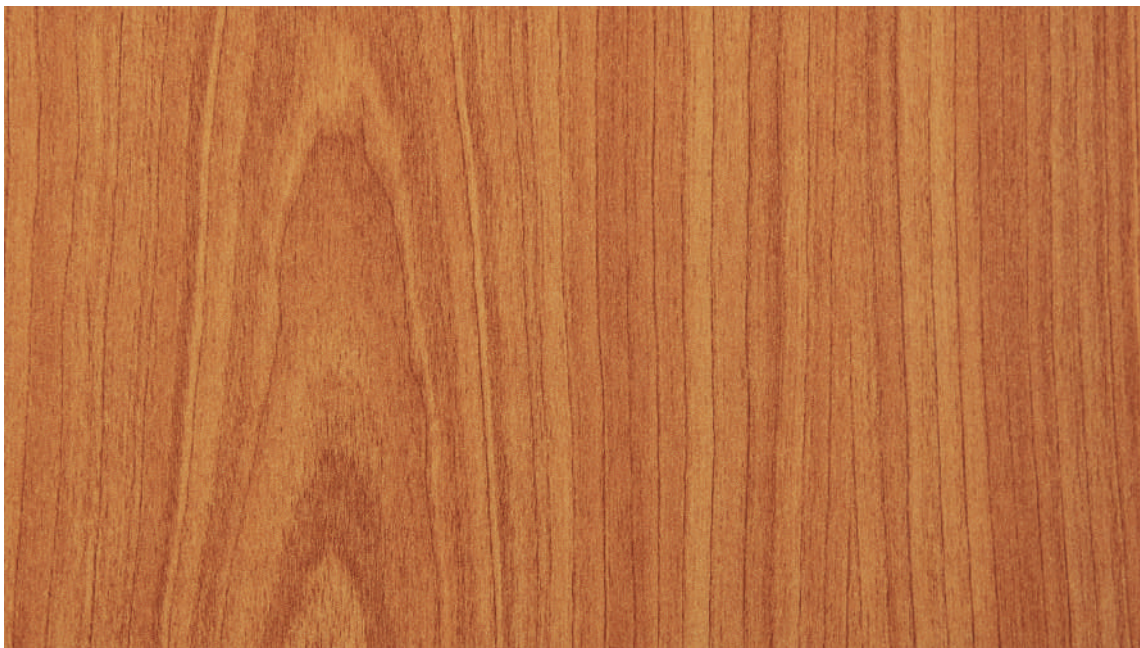
Bold, timeless, and undeniably majestic



FC0022

WALNUT

Command attention with walnut's regal presence



FC0014

SWEET CHERRY

Unleash the elegance of rich, dark walnut



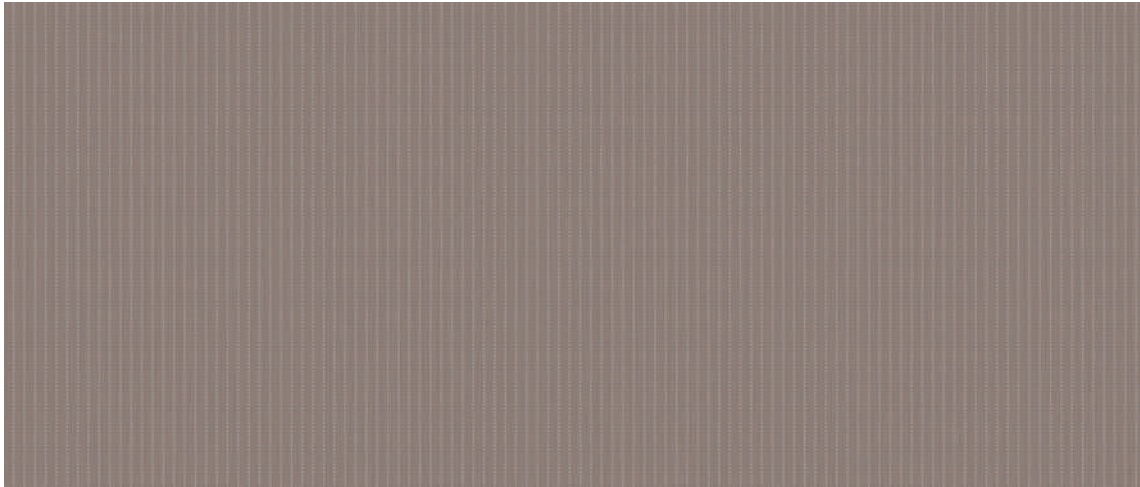
FABRIC SERIES



FF0041

SQUARE CUT

Luxurious softness that elevates every room



FF0036

MORNING DEW

Effortless elegance with a natural touch



FF0043

WOVEN WONDERS

A silky finish that feels as good as it looks

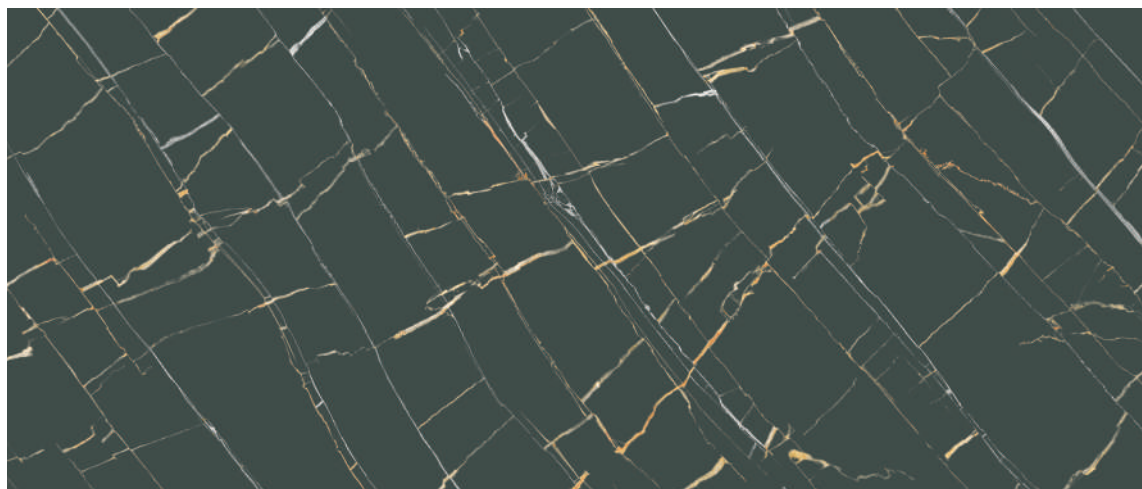


FF0042

FABRIC FUSION

Textured beauty crafted for comfort and style

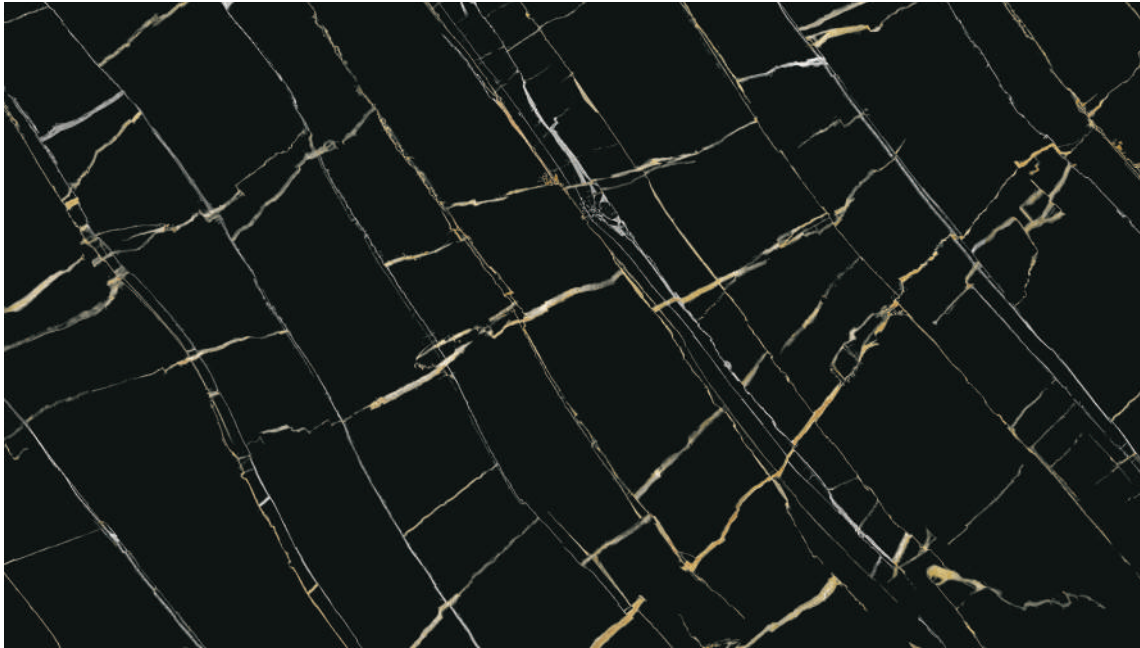
ULTRA POLISHED MARBLE SERIES



FM0057

PRESTIGE STONE

Pure Elegance with a Mirror-Like Gleam



FM0058

CRAFT CANVAS

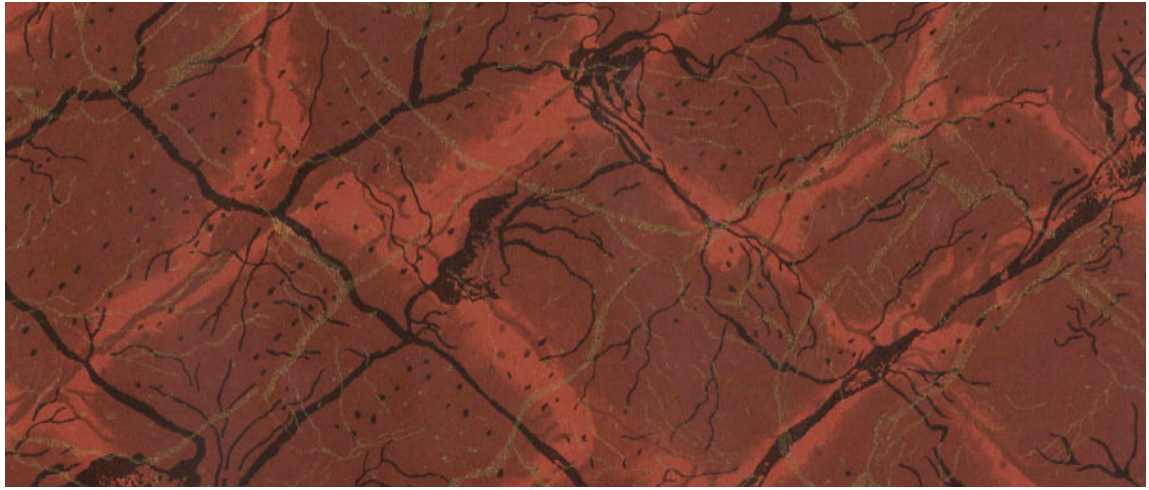
A Touch of Gold, A Statement of Luxury



FM0063

STONE CRAFT

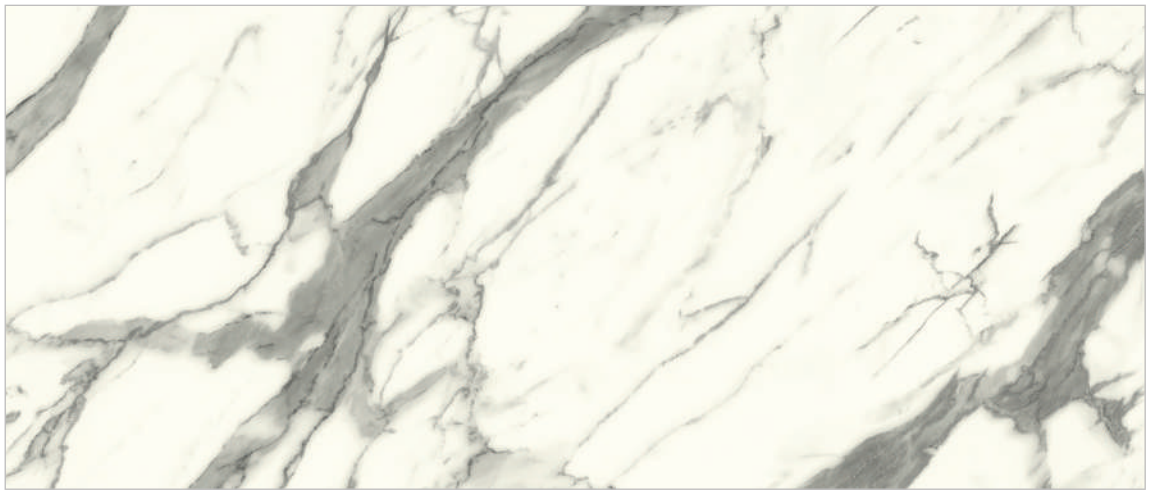
Subtle Veins, Strikingly Beautiful



FM0064

RED MARBLE

Rich Depth with a Polished Brilliance



FM0060

FROZEN STONE

Bold Contrast, Unmatched Sophistication



FM0059

WHITE CASTLE

Soft Hues, Smooth Reflections





FM0061

CRYSTAL MARBLE

A Bold Red Beauty That Shines



FM0062

SNOW MARBLE

Deep Green Luxury with a Polished Finish



PRO TEAK

SERIES



FT0027

PROMI TEAK

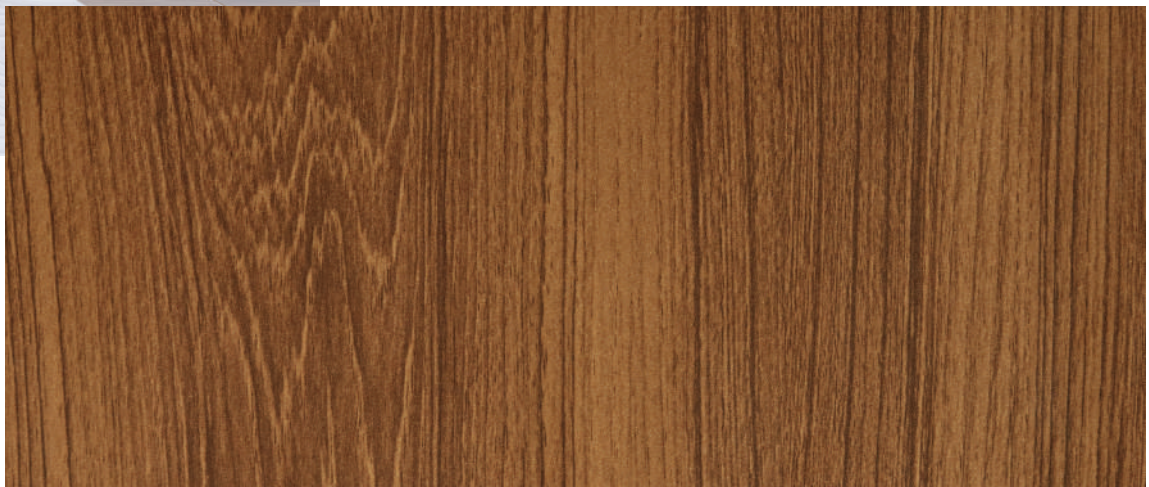
Exquisite design built to endure



FT0026

MOIST TEAK

Masterful textures that stand the taste of time



FT0028

KHAN TEAK

Timeless elegance, crafted for modern spaces



FT0029

BURMA TEAK

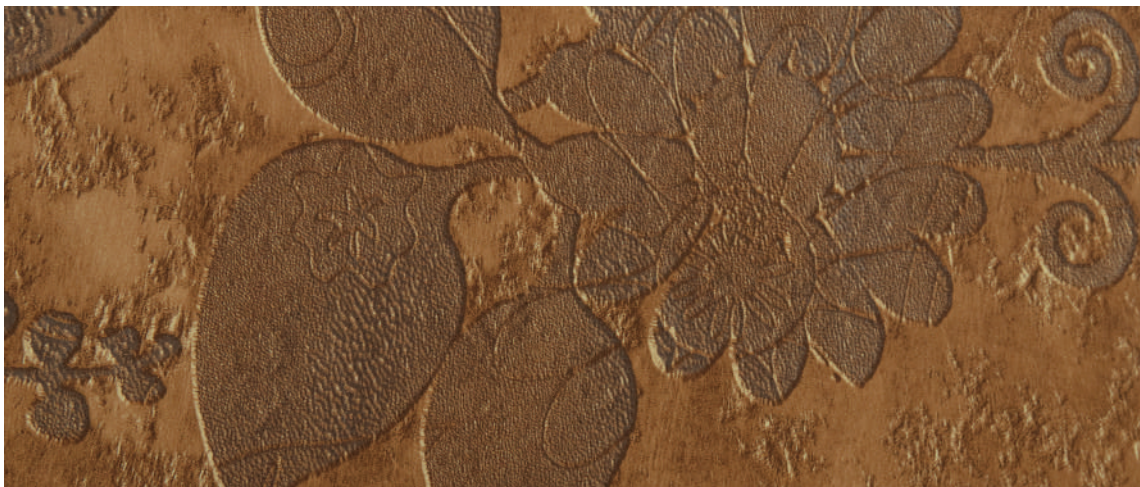
Durability meets sophisticated design



FT0030

SHAN TEAK

Where strength and beauty come together



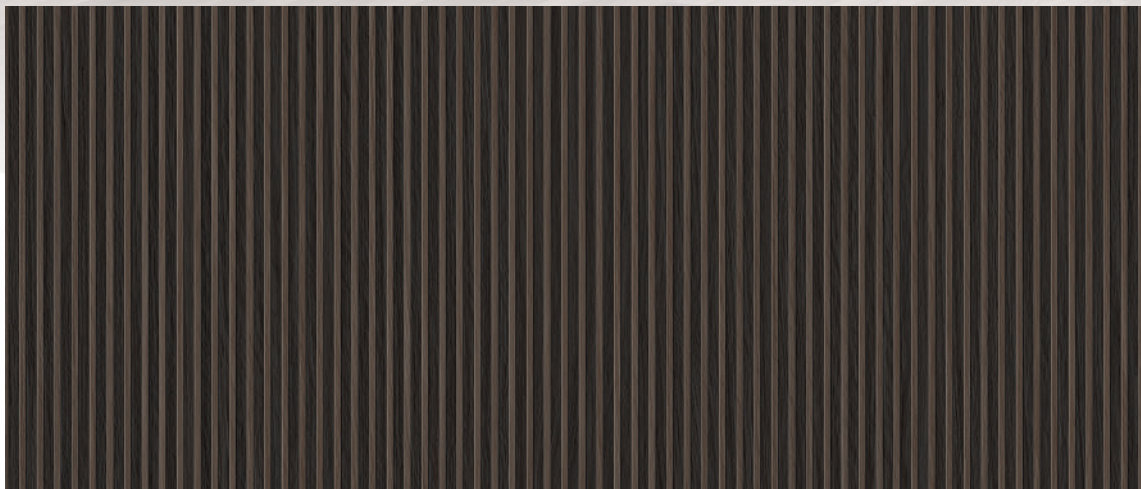
FT0037

GOLDEN DALIA

Crafted for lasting impact and effortless beauty



SIGNATURE SERIES



FS0046

LUXURY CRAFT

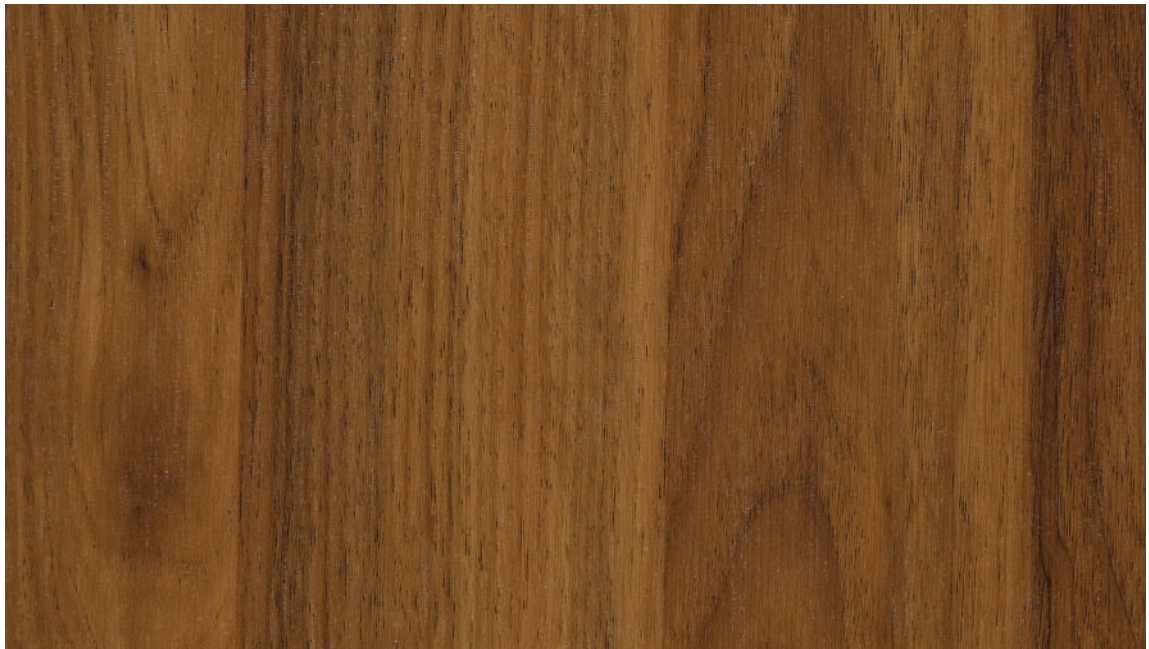
Where Warmth Meets Timeless Beauty



FS0052

CROWN GRAIN

A Rich Touch of Elegant Craftsmanship



FS0051

IMPERIAL WOOD

Pure Sophistication, Naturally Beautiful



FS0048

CRYSTAL FOREST

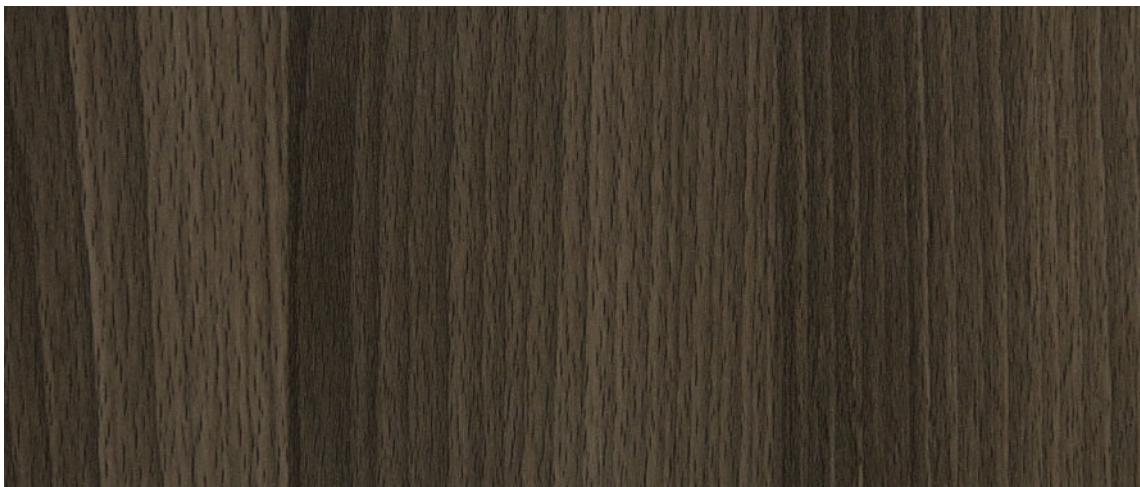
Deep, Bold, and Strikingly Beautiful



FS0047

ASH OAK

Modern Depth, Uncompromised Grace



FS0050

MAJESTIC TONE

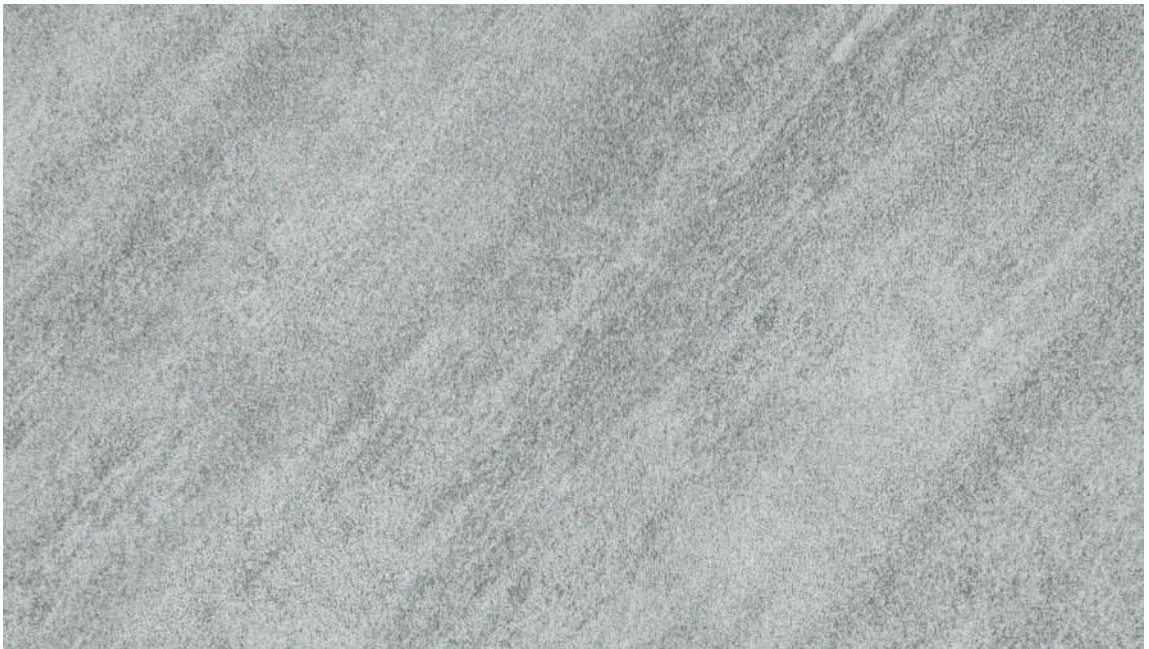
A Radiant Glow of Natural Luxury



FS0055

INFINITY TOUCH

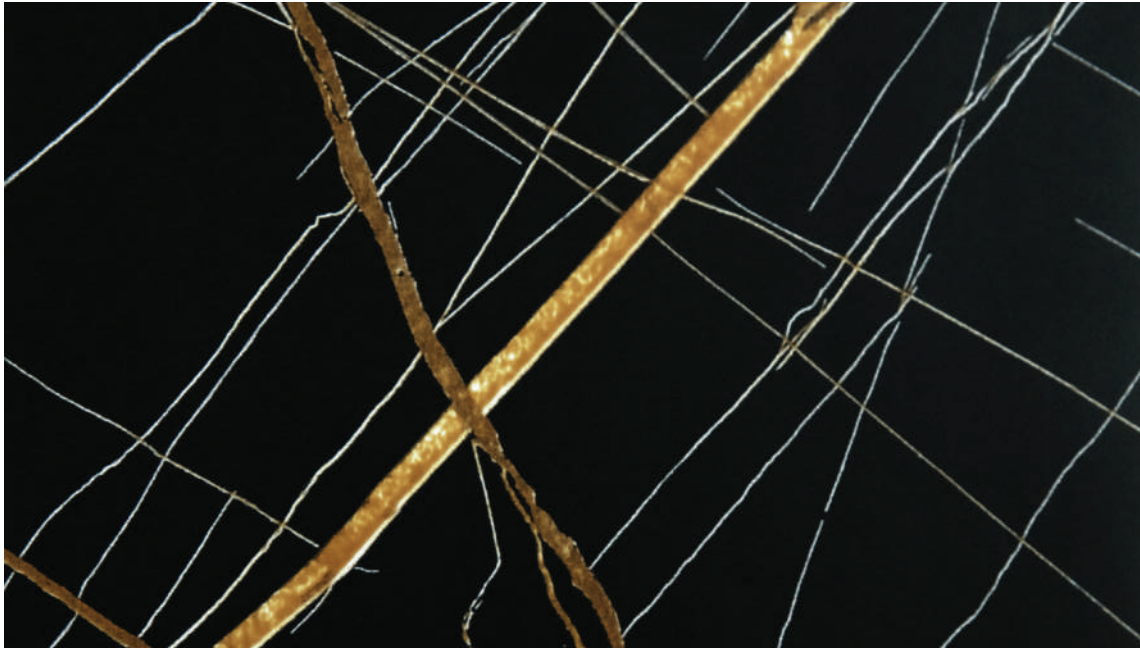
Subtle Textures for Beautiful Living



FS0053

ELITE GRAIN

Bold Statements, Beautiful Spaces



FS0054

EMPIRE CRAFT

Crafted to Build Beautiful Memories



FS0049

PRIME LINE

Soft Hues for a Beautifully Inviting Ambiance



MAPLE SERIES





FM0019

RED MAPLE

Seamless elegance inspired by nature's purity

WONDER BOARD SERIES





FW0038

TOY BOARD

Subtle Elegance, Endless Potential



FW0039

MAGIC BOARD

Timeless Charm, Crafted to Inspire

LEATHER SERIES





PLATE

Warmth and Elegance, Crafted for Excellence

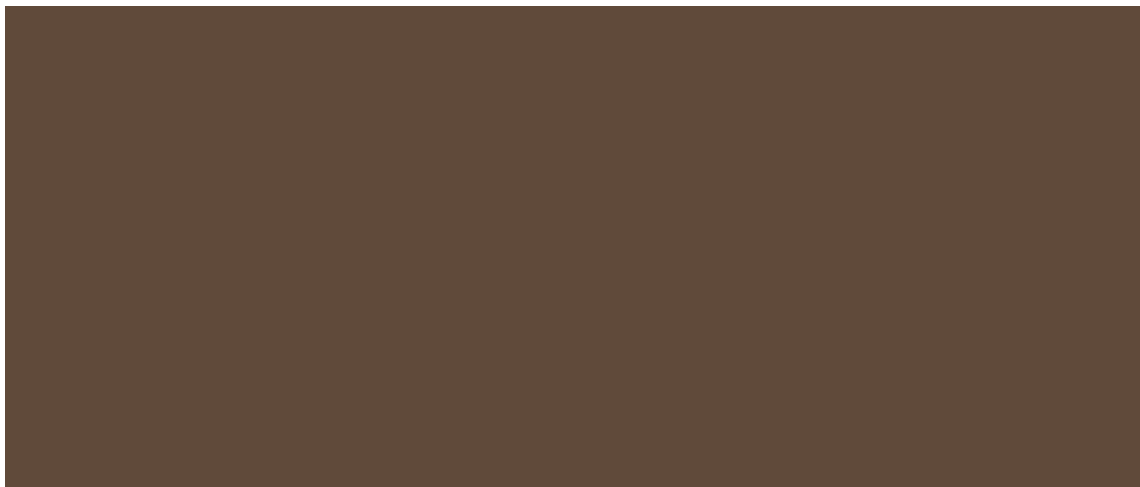


PLATE

Bold Luxury, Softly Refined



SOLID COLOR SERIES



FS0005

BROWN

A Touch of Majesty for Modern Spaces



FSC0002

WHITE



FSC0011

MILKY WHITE



FSC0003

BLACK



FSC0006

BLUE



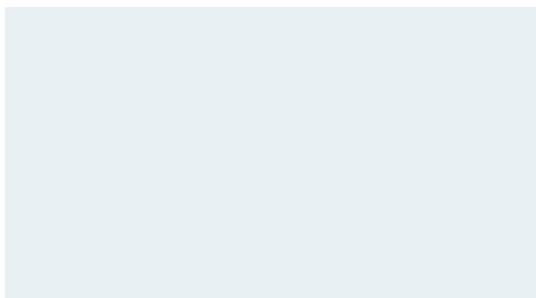
FSC0008

RED



FSC0010

DEEP GRAY



FSC0004

LIGHT GRAY



FSC0009

PARROT GREEN



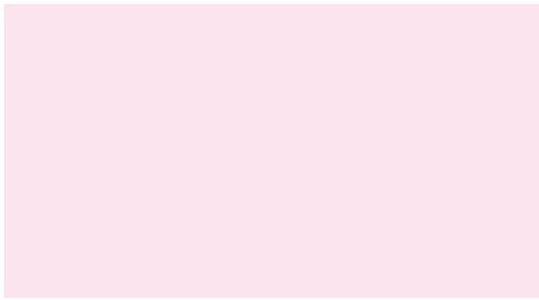
FSC0012

YELLOW



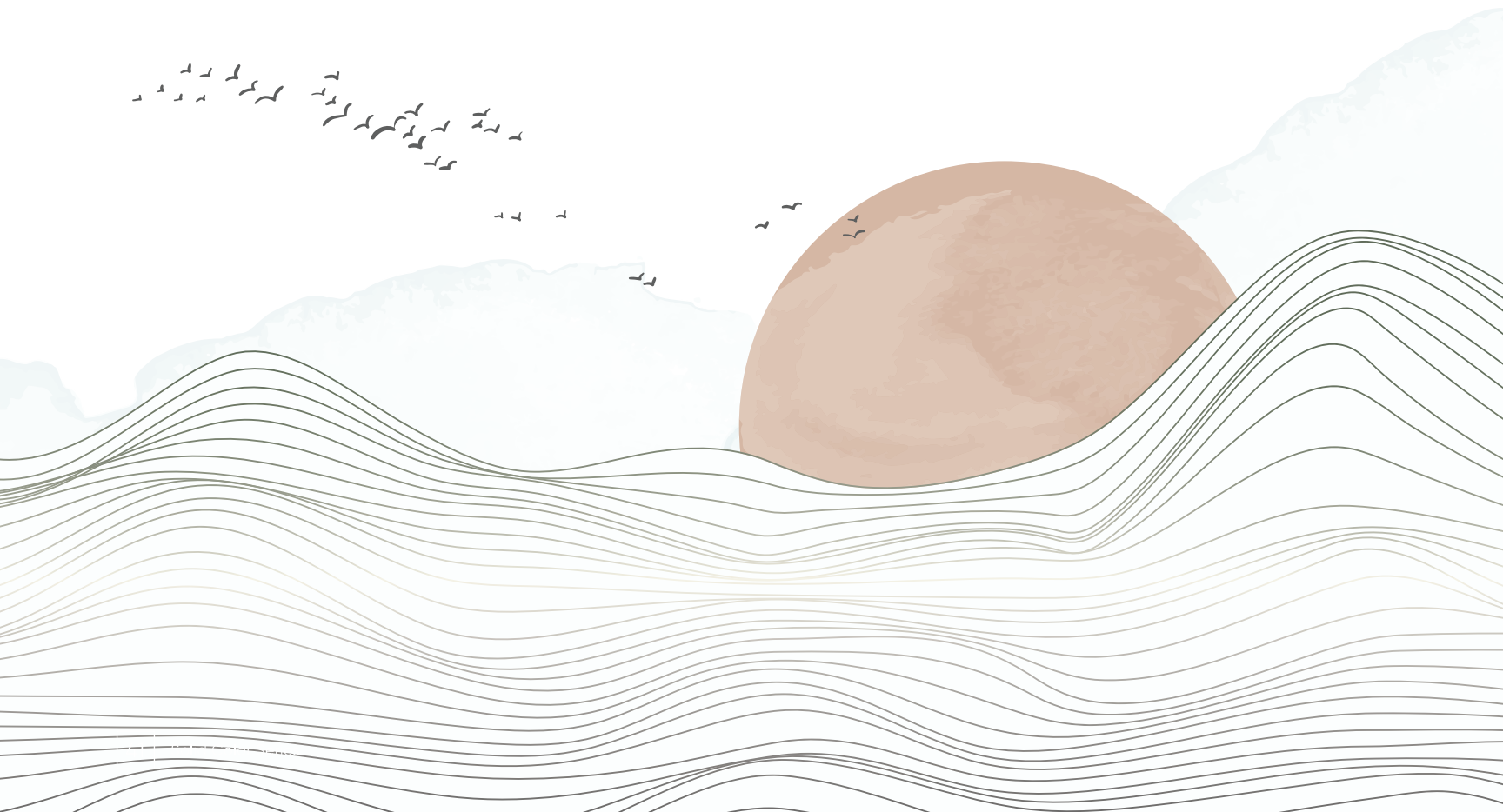
FSC0005

GRAPHITE



FSC0013











PINK





veneer board

Veneer Board

Specification	Feature	Application
Available Size : 4 Feet x 8 Feet	 Aesthetic Versatility	 Frame & Panel
Available Thickness (mm) : 6, 9, 12, 15, 16, 18, 25, 36	 Long Lasting	 Wall Panelling
Customized Thickness (mm) : 6 to 36	 Dimensional Stability	 Door
	 Easy of Handling	 Shelves
		 Cabinet
		 Furniture Manufacturing





VENEER0304

BURMA TEAK

Bring nature's grandeur into modern spaces



VENEER0314

RED OAK

Crafted to Build Beautiful Memories



VENEER0316

TEAK CHAMP

Soft Hues for a Beautifully Inviting Ambiance



VENEER0302

GORJON

Where luxury and durability blend seamlessly



VENEER0318

BEECH

Radiate warmth with subtle sophistication



VENEER0306

CROWN TEAK

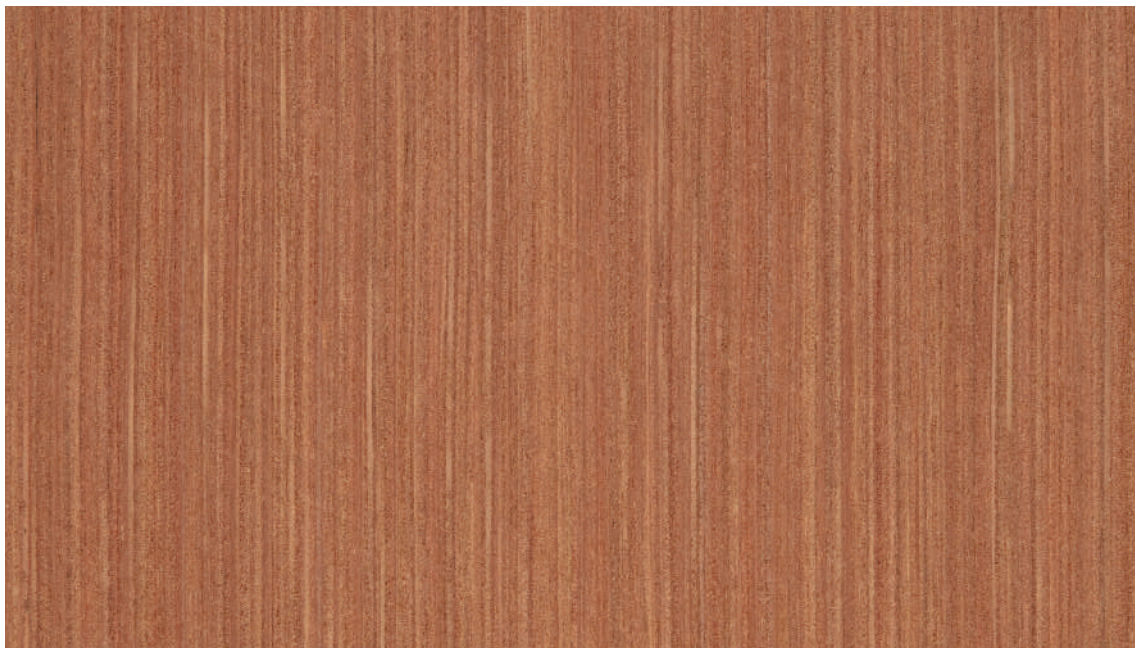
Timeless charm for contemporary living



VENEER0312

ELITE BURMA TEAK

Subtle Textures for Beautiful Living



VENEER0310

RECON

Bold Statements, Beautiful Spaces



Technical Specifications of MDF BOARD

PROPERTIES	UOM	TEST METHOD	THICKNESS RANGE (mm, nominal)									
			3		5		6		8		9	
			EN	FMIL	EN	FMIL	EN	FMIL	EN	FMIL	EN	FMIL
Density	Kg/m³		750-770		750-760		750-760		740-750		740-750	
Moisture Content	%	EN 312	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8
Thickness Swelling (24 hrs)	% Max	EN 317	35	35	30	30	17	17	17	17	17	17
Internal Bond Strength (Min)	N/mm²	EN 319	0.65	0.65	0.65	0.65	0.65	0.65	0.6	0.65	0.6	0.65
Modulus of Rupture (Min)	N/mm²	EN 310	27	23	27	23	27	23	27	23	26	23
Modulus of Elasticity (Min)	N/mm²	EN 310	N/A	2800	2700	2700	2700	2700	2700	2700	2500	2700
Screw Holding Strength (Face)	N	EN 320	600	700	700	800	800	900	900	1050	950	1050
Screw Holding Strength (Edge)	N	EN 320	N/A		N/A		500	650	550	650	600	750
Formaldehyde Content (FC) (E2)	mg/100 gm for oven dry board	EN 120	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g

PROPERTIES	UOM	TEST METHOD	THICKNESS RANGE (mm, nominal)							
			12		15		16		17	
			EN	FMIL	EN	FMIL	EN	FMIL	EN	FMIL
Density	Kg/m³		720-750		680-700		680-700		670-700	
Moisture Content	%	EN 312	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8
Thickness Swelling (24 hrs)	% Max	EN 317	12	12	12	12	12	12	12	12
Internal Bond Strength (Min)	N/mm²	EN 319	0.55	0.6	0.55	0.6	0.55	0.6	0.55	0.55
Modulus of Rupture (Min)	N/mm²	EN 310	24	22	24	20	24	20	24	20
Modulus of Elasticity (Min)	N/mm²	EN 310	2200	2500	2200	2200	2200	2200	2200	2200
Screw Holding Strength (Face)	N	EN 320	1050	1150	1100	1250	1150	1250	1180	1250
Screw Holding Strength (Edge)	N	EN 320	700	750	800	850	850	850	880	850
Formaldehyde Content (FC) (E2)	mg/100 gm for oven dry board	EN 120	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g	≤ 30 mg/100g

General Requirements

PROPERTIES		TEST METHOD	REQUIREMENTS	FMI L VALUE
Tolerance on Nominal Dimensions	Thickness (Sanded Board)	EN 324-1	±0.3 mm	±0.1mm
	Thickness (Unsanded Board)		-0.3 mm + 1.7 mm	±0.2 mm
	Length & Width		±0.3 mm	±0.3 mm
Tolerance of Edge Straightness		EN 324-2	1.5 mm/m	1
Tolerance of Squareness			2 mm/m	1.5
Emission Class		EN 120	Class E1	Class E1
			Class E2	Class E2

Technical Specifications of WOOD CHIPS PLAIN BOARD

PROPERTIES	UOM	TEST METHOD	THICKNESS RANGE (mm, nominal)									
			6		9		12		13 to 19		20 to 25	
			EN	FMIL	EN	FMIL	EN	FMIL	EN	FMIL	EN	FMIL
Density	Kg/m3		730 - 770		680 - 720		680 - 720		650-690		610 - 630	
Density Variation	%	EN323	± 10	± 20	± 10	± 20	± 10	± 20	± 10	± 20	± 10	± 20
Internal Bond	N/mm²	EN319	0.5	≥ 0.45	0.45	≥ 0.45	0.45	≥ 0.45	0.45	≥ 0.5	0.4	≥ 0.45
Modulus of Rupture	N/mm²	EN310	19	≥ 1	18	≥ 11	18	≥ 11	16	≥ 14	14	≥ 14
Modulus of Elasticity	N/mm²	EN310	2550	≥ 2550	2550	≥ 2550	2550	≥ 2500	2400	≥ 2400	2150	≥ 1900
Screw Holding (Edge)	N	EN320						≥ 750		≥ 750		≥ 750
Screw Holding (Face)	N	EN320						≥ 800		≥ 800		≥ 800
Surface Soundness	N/mm²	EN311	0.8	≥ 0.8	0.8	≥ 0.8	0.8	≥ 0.8	0.8	≥ 0.8	0.8	≥ 0.8
Moisture Content	%	EN322	5 to 13	5 to 8	5 to 13	5 to 10	5 to 13	5 to 10	5 to 13	5 to 10	5 to 13	5 to 10
Thickness Swelling	%	EN317	16	≥ 12	14	≥ 12	14	≥ 12	14	≥ 12	13	≥ 12

PROPERTIES	UOM	TEST METHOD	THICKNESS RANGE (mm, nominal)			
			26 to 32		33 to 36	
			EN	FMIL	EN	FMIL
Density	Kg/m3		600 - 620		550 - 600	
Density Variation	%	EN323	± 10	± 20	± 10	± 20
Internal Bond	N/mm²	EN319	0.35	≥ 0.45	0.3	≥ 0.35
Modulus of Rupture	N/mm²	EN310	12	≥ 13	10	≥ 10
Modulus of Elasticity	N/mm²	EN310	1900	≥ 1900	1700	≥ 1700
Screw Holding (Edge)	N	EN320		≥ 750		≥ 650
Screw Holding (Face)	N	EN320		≥ 800		≥ 700
Surface Soundness	N/mm²	EN311	0.8	≥ 0.8	0.8	≥ 0.8
Moisture Content	%	EN322	5 to 13	5 to 10	5 to 13	5 to 10
Thickness Swelling	%	EN317	13	≥ 12	12	≥ 12

General Requirements

PROPERTIES		TEST METHOD	REQUIREMENTS	FMIL VALUE
Tolerance on Nominal Dimensions	Thickness (Sanded Board)	EN 324-1	±0.3 mm	±0.1 mm
	Thickness (Unsanded Board)		-0.3 mm + 1.7 mm	±0.2 mm
	Length & Width		± 5 mm	±0.3 mm
Tolerance of Edge Straightness		EN 324-2	1.5 mm/m	1
Tolerance of Squareness			2 mm/m	1.5
Emission Class		EN 120	Class E1	Class E1
			Class E2	Class E2

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