


**High Pressure
Laminate**



lotus




**Plywood
Collection**

Specifications

 Anti scratch


 E0 Certification

 Legal Wood

 Complimentary Edgeband
0.8mm thickness with colour core for a seamless finish

Available in:

- 23mm & 46mm for solid colours
- 23mm, 46mm & 110mm for all other colours

 Available Sizes:

1220mm x 2440mm

1 sided plywood available in:

3mm

15mm

18mm

2 sided plywood available in:

15mm

Formaldehyde emission level in accordance to E0 standards as tested by SGS. Raw materials sustainably sourced from Legal woods.

Ref. ASTM D5582-14



A World of Difference

Beyond Materials

01

We at Lotus believe that our service do not end after we have delivered our materials to our carpenters and hence, aim to satisfy the needs of all parties.

Constant Innovation

03

Our commitment to constant innovation and rigorous R&D drives us to lead in design and technology, continuously advancing our product quality and offerings to meet evolving customer needs.

Safety & Sustainability

05

Lotus offers the option to use E0-rated products, ensuring minimal formaldehyde emission and more environmentally friendly interior solutions. Our dedication to sustainability and health allows clients to prioritize both safety and quality in their design selections.

Ultimate Flexibility

02

Able to adapt to any specific needs. Sustainability (E0 glue), Creativity unrestrained. (any combination of laminate on any type of thickness)

Colour Selections

04

We continually update and refresh our colours to ensure to mean the ever changing customer demands. We are able to promise exclusivity in the market for your desired colours.

Crafted with Pride

06

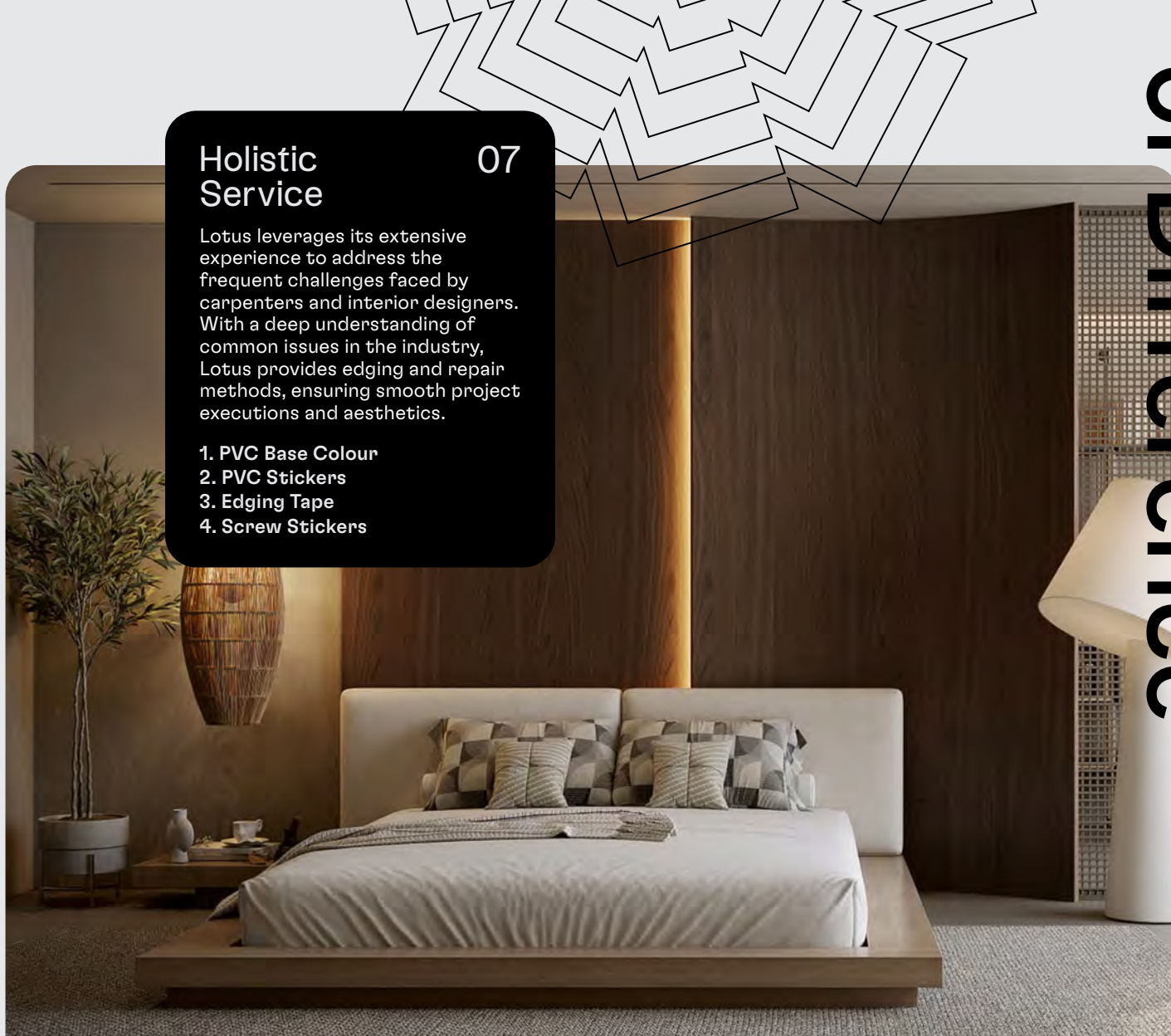
Lotus operates a state-of-the-art facility in Malaysia, harnessing local expertise to ensure superior quality and cost-efficiency. This highlights our commitment to craftsmanship and innovation, allowing us to deliver exceptional products at competitive prices.

Holistic Service

07

Lotus leverages its extensive experience to address the frequent challenges faced by carpenters and interior designers. With a deep understanding of common issues in the industry, Lotus provides edging and repair methods, ensuring smooth project executions and aesthetics.

1. PVC Base Colour
2. PVC Stickers
3. Edging Tape
4. Screw Stickers



About Lotus

For over five decades, we've been at the heart of furniture and plywood innovation, culminating in the launch of Lotus in 2012. More than a brand, Lotus embodies a drive to empower creativity, transforming our extensive experience into a future-focused vision for interior design. Offering more than just high-quality High Pressure Laminates, PVC, Plywood and Foam Board, we provide a canvas for limitless creative expression.

We understand that surfaces are the canvas upon which a vision comes to life. That's why we're constantly developing and refining our materials, ensuring they're not just functional but transformative. We want to be the secret weapon in your creative arsenal, the partner you can trust to push boundaries and make a meaningful impact.

Beyond supplying products, Lotus fosters a community of designers, architects, and visionaries, championing collaboration and the spark of new ideas. Our commitment to sustainability and ethical practices is unwavering, with a focus on E0-friendly materials and legally sourced wood to ensure both environmental safety and trust in our vision and quality.

At Lotus, every home is a canvas, and every detail blooms with potential. We turn everyday spaces into masterpieces, making every environment a realm of possibility. With Lotus, we're not just innovating; we're "Making a World of Difference" in every design.

Our customer distribution

20%

Sold locally
(Malaysia)



75%

Exported
(Singapore)



5%

Sold to other
countries



2012

First established

Our first step, with our only product being plain plywood.

2013

Launch of Lotus

Seeing the potential of more than just white PVC, we launched our range of Lotus colour PVC.

2014-2016

Singapore projects

Changi Airport, Universities, Libraries, Government offices.

2018

Moved to new location

Onwards and upwards as we moved to our newer and bigger location.

2021

Launch of HPL Plywood

Pioneered our very own line of HPL plywood products.

“

Each home is a canvas awaiting its masterpiece, each corner a promise of potential. At Lotus, we unfold each layer with precision and passion, like the petals of a lotus blooming, crafting surfaces that transform the mundane into the magnificent, ensuring every home sings with the art of possibility.

”

Leann Woon
Co-founder of Lotus



Why HPL Plywood?



Economical & Time-Saving

No manual lamination required; pre-laminated panels save time and reduce costs.



Seamless Color-Core Edging

Each panel features sleek, uninterrupted edges that match the color for a clean, professional appearance.



Flawless Finish

No more unsightly black lines; advanced lamination technology ensures a seamless look.



On-Trend Colors

Available in a variety of designer-chosen colors, ensuring your project aligns with the latest interior design trends.



Healthier Option

Choose our E0 grade for significantly lower formaldehyde emissions, avoiding the cancer-causing odors of traditional plywood.

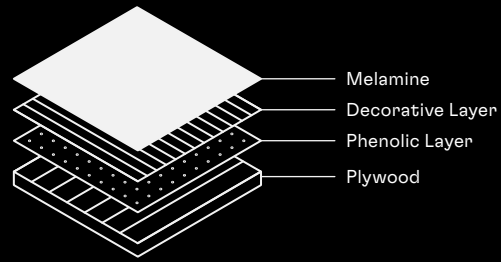
Lotus HPL Plywood offers versatility and customization options to suit your unique needs.

Available in various configurations and designs, you have the flexibility to customize the perfect combination for your project. Whether you're looking for a specific texture, color, or pattern, Lotus laminates empowers you to create spaces that truly reflect your vision and style.



HPL Plywood

High Pressure Plywood Laminate combines the strength of plywood with the durability and aesthetic appeal of high pressure laminate (HPL). Using plywood instead of kraft paper backing enhances structural integrity and resistance to bending and warping. The HPL surface is scratch, impact, heat, and moisture-resistant, making it ideal for furniture, countertops, cabinetry, and interior wall panels. Available in various colors, patterns, and finishes, it offers a reliable and stylish solution for demanding environments.

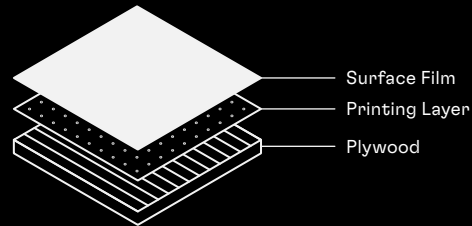


Suitable applications:

- Doors
- Feature Walls
- Exterior Carcass

PVC Plywood

PVC, or polyvinyl chloride, is widely used in the laminate industry to create durable and decorative plastic films. These laminates are flexible, cost-effective, water-resistant, and easy to clean, making them suitable for furniture surfaces like kitchen cabinets and wardrobes. Available in various colors and textures, PVC laminates can mimic the appearance of wood, metal, or stone.



Suitable applications:

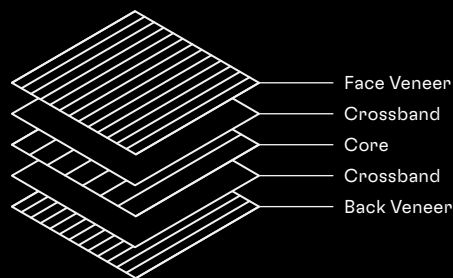
- Interior Carcass

	PVC	HPL	HPL Plywood	PU Paper
Scratch proof	No	Yes	Yes	No
Waterproof	Yes, but will still swell up with prolonged exposure.	Yes	Yes	No
Heatproof	No, will result in "bubbles".	Yes, but not prolonged heat. (which will be dependant on glue used)	Yes, but not prolonged heat. (which will be dependant on glue used)	No
Biodegradable	No	No	Yes	Yes



Plywood

Plywood is a durable engineered wood product made by layering thin wood veneers with their grain patterns alternating. This cross-graining technique enhances its strength and stability, making it resistant to warping, cracking, and shrinking. Widely used in construction and furniture making, plywood offers excellent structural integrity and is easy to install. It can be adapted for both indoor and outdoor uses, depending on the specific adhesives and treatments applied during manufacturing.

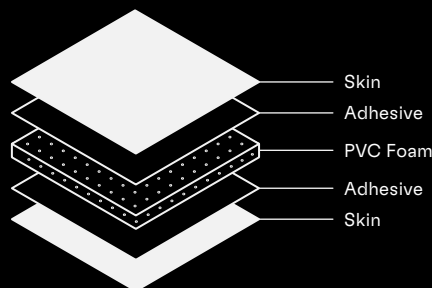


Suitable applications:

- Outdoor
- Indoor

Foam Board

The specialized foam board used in the laminate industry for kitchen and bathroom furniture, which is waterproof, fire-retardant, and termite-proof. It is designed to be sufficiently rigid and sturdy for its intended use in furniture. This makes it a practical choice for areas exposed to moisture and where durability is essential.



Suitable applications:

- Vanity Cabinets
- Sink Cabinets)

	Plywood	MDF Board	Foam Board	Chipboard
Waterproof	Only WBP (water boiled proof) and marine plywood is water proof. Other plywood are moisture resistance. Prolonged exposure will still result in rot.	Most MDF boards are not moisture proof and will swell up when exposed to water.	Waterproof	Not waterproof but there are some variants that are more moisture resistant. Chipboard will absorb the water and slowly deteriorate and release an unpleasant smell.
Strength	Depends on the type of plywood (local vs indonesia). But the cross grained layers does provide a certain level of strength	Depends on density	Depends on density	Depends on density



What is E0?

E0 refers to the formaldehyde level in the glue used between layers of the plywood. E0 means that there is close to 0 formaldehyde. Less than 0.5 ppm. Most furniture used today are made with E2 plywood thus the signature stinging smell.

Inhalation

Inhalation of formaldehyde can cause airway irritation, bronchospasm and pulmonary edema.

Cancer

Repeated exposure is known to increase risk of cancer. Known to cause DNA adducts. Nose and throat cancer.

Skin

Prolonged exposure known to cause rash and irritation.

Why does plywood bend?

Moisture. When plywood is made, it will be put into a oven to dry out the moisture. So when the humidity of the surroundings is more moist than the plywood, it will absorb the moisture from the air and cause it to bend. So bending will occur more frequently in more humid areas.

What causes the bubbles on PVC?

PVC is basically made from plastic. So it will naturally expand due to heat resulting in the bubbles. Any prolonged exposure to heat is highly discouraged.



Woodgrain

1.0

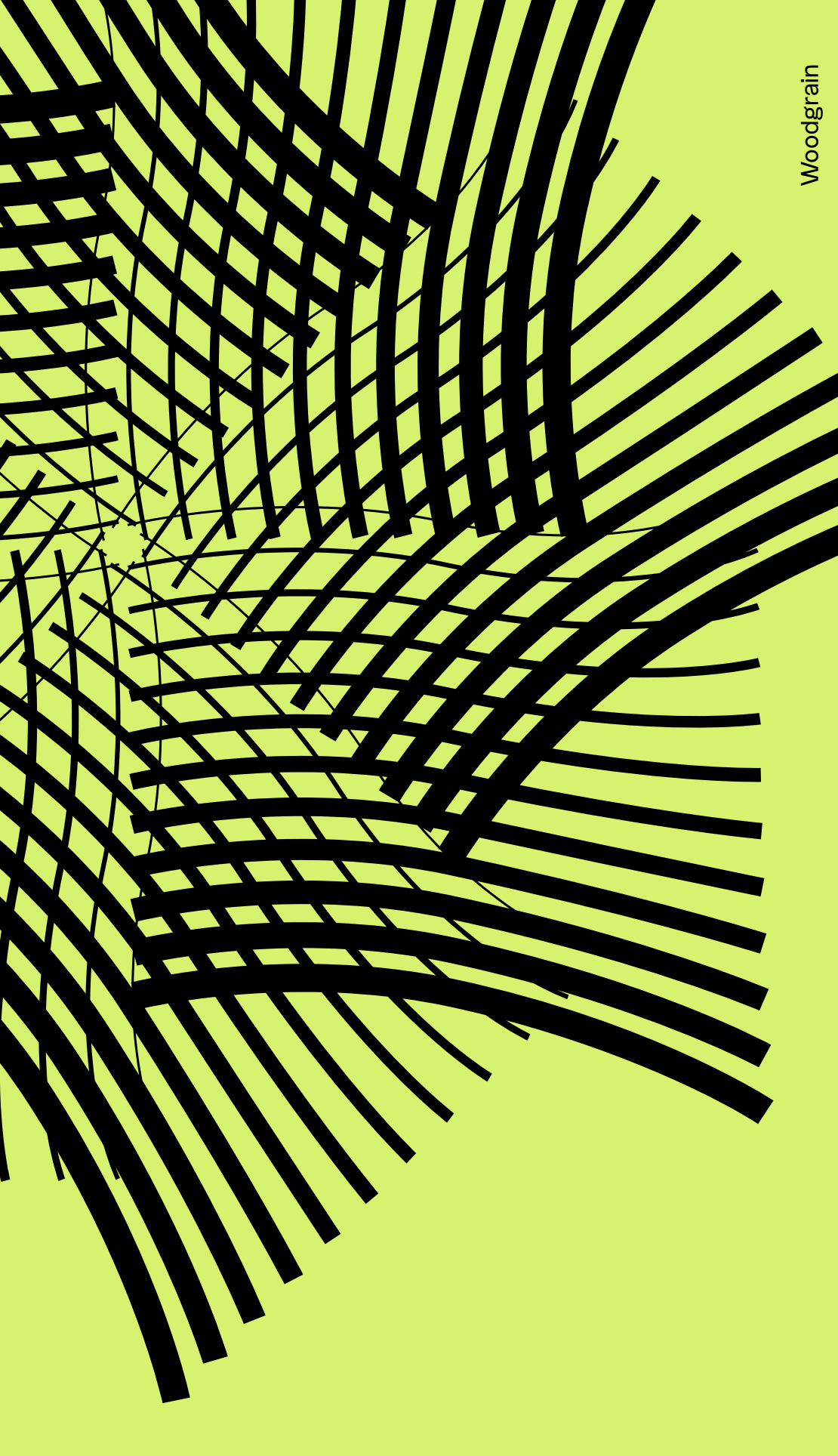
M1425
Camello Walnut

Woodgrain

M1422
Hera Walnut

Step into the serene embrace of the forest with our Woodgrain Series. Mimicking the intricate patterns and soothing tones of natural wood, this series brings organic harmony to your spaces, crafting an ambiance where tranquility and tradition meet.





Woodgrain



M1095
Naturale Birch

Designer's Choice



Midnight Mahogany



M1000



Pale Taupe



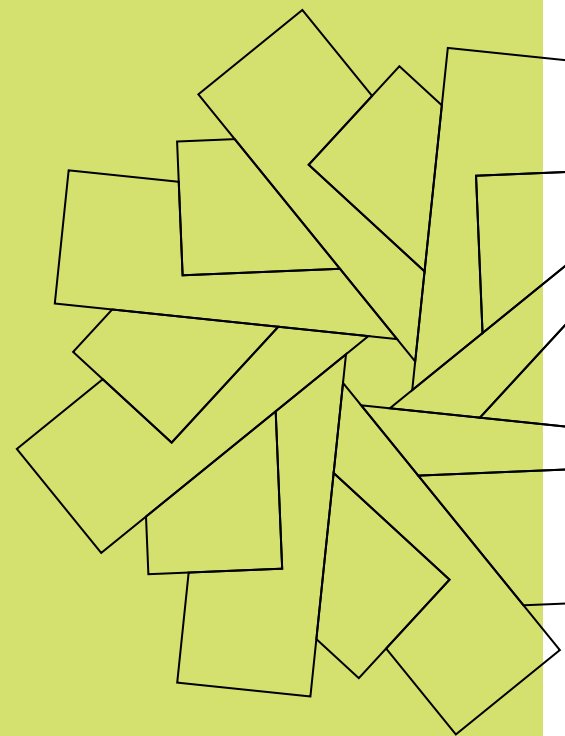
M078

Poi Studio

Chai Min Li, Lim Wei Teng, Shereene Siew

Role: Partner

✧ lotus × POI STUDIO



Poi Studio
Partner

“A question we always
look forward to;
Poi, qual è il prossimo?
Then, what's next?”



All formaldehyde emission levels in accordance to EO standards.

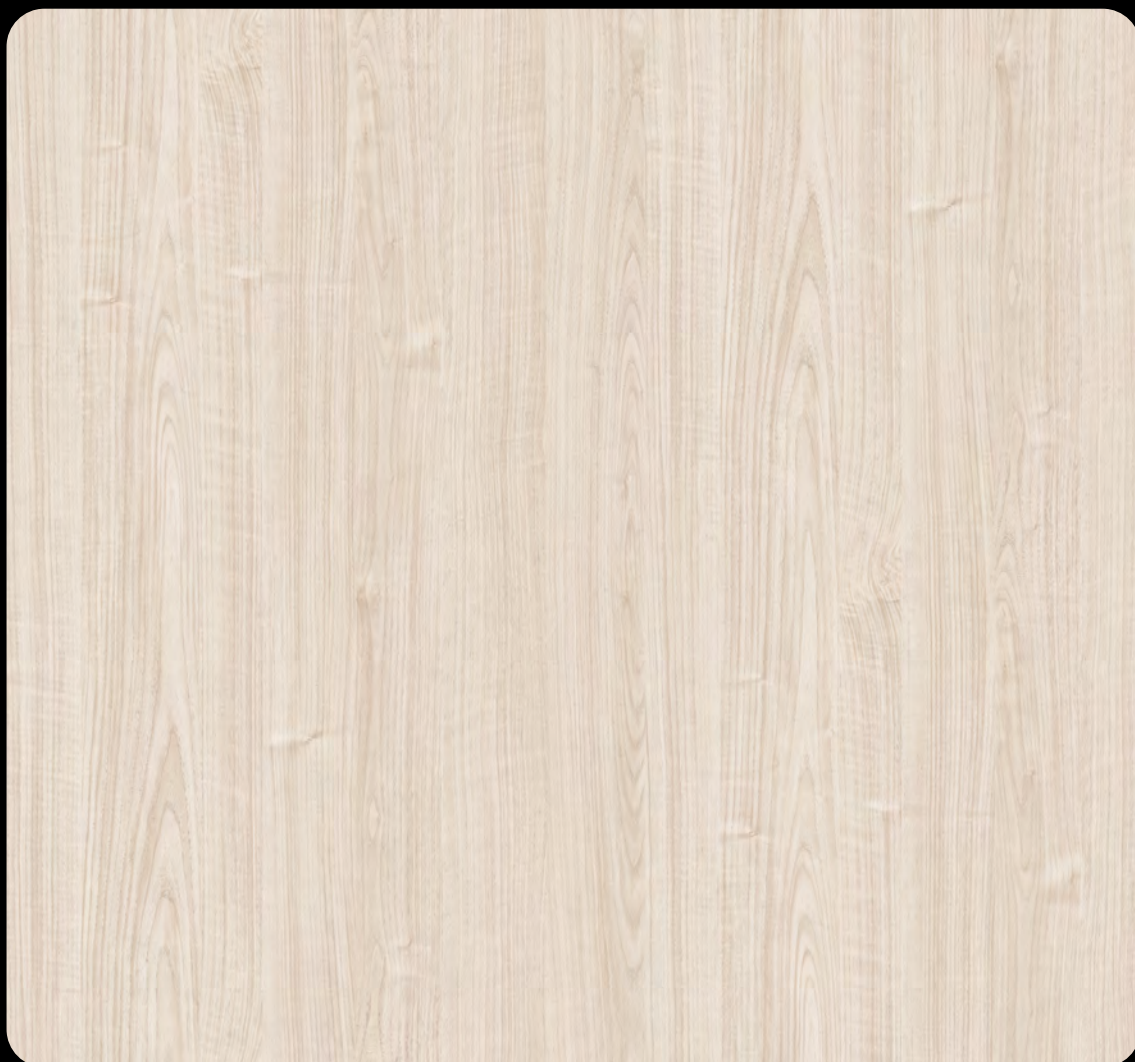


All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Walnut



Naturale Birch



M1095





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Walnut



Hera Walnut



M1422



Fumoso Walnut



M1423



All formaldehyde emission levels in accordance to EO standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Walnut



Camello Walnut



M1425





All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Elm



Ebano Elm



M1342



Ombre Elm



M1344



All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Elm



Bruciata Orme



M1411



Gainsboro Orme



M1412





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Eucalyptus



Hazel Eucalyptus



M1371



Grigio Eucalyptus



M1372

Woodgrain

Perfect for both modern
and traditional interiors,
the Woodgrain Series
adds a touch of nature's
elegance to any space.





All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Teak



Biege Teak



M1654



Fusain Teak



M1655



All formaldehyde emission levels in accordance to EO standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Straight Grain



Argila



M1665





All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Straight Grain



Guida Mosaic



M1742



Cenere Mosaic



M1743



All formaldehyde emission levels in accordance to EO standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Sylvan



Obsidian Elm



M508





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Sylvan



Misty Afromosia



M003



Ebon Eucalyptus



M018



All formaldehyde emission levels in accordance to E0 standards.

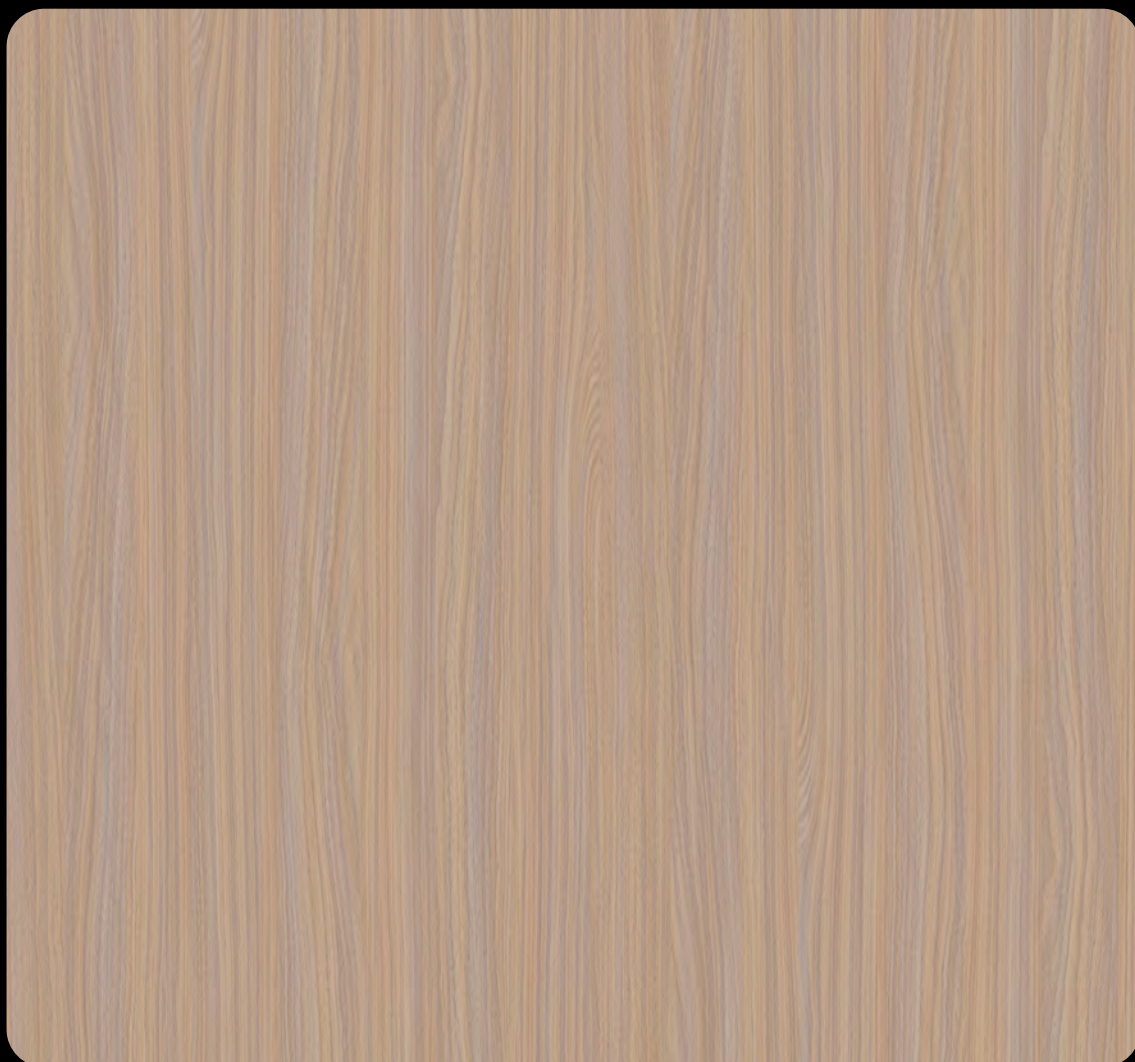


All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Synchronous Woodgrain



Silken Eucalyptus



M033





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Synchronous Woodgrain



Honeyed Elm



M355

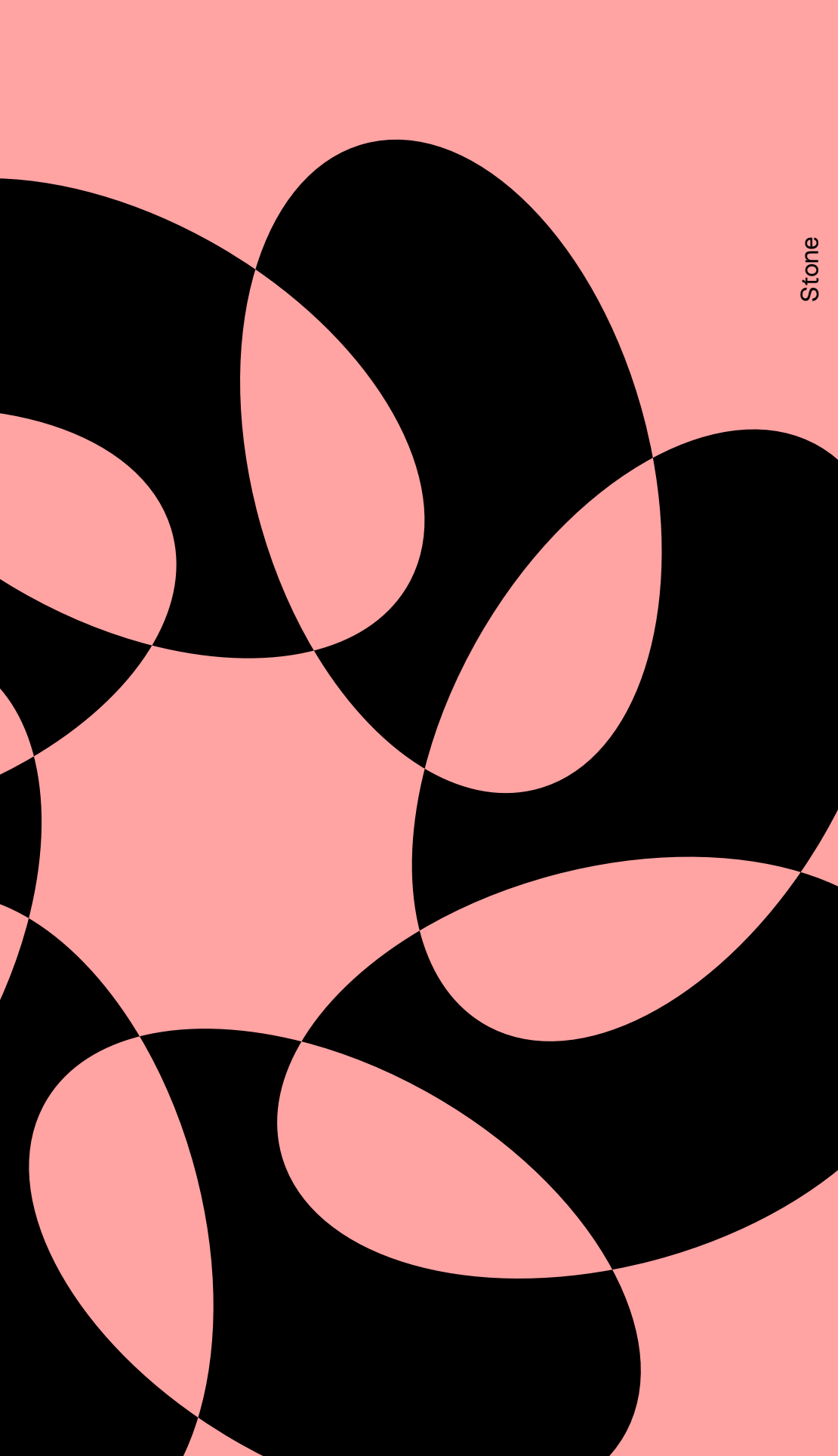
M1554
Marrone Marble

Stone

M1555
Avorio Marble

Invoke the stoic grandeur of stone with our Stone Series. Reflecting the rugged beauty of stone, this collection infuses your environment with a sense of timeless strength and majestic grace, laying the foundation for designs that resonate with the power of the natural world.





Stone



M2391
Bianco Marble



All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Marble



Bianco Marble



M2391





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Marble



Nero Marble



M1552



Marrone Marble



M1554

Stone

Crafted to mirror the natural allure of stone, each piece brings a touch of timeless beauty and resilience to any space.





All formaldehyde emission levels
in accordance to E0 standards.



All raw materials sustainably
sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Marble



Avorio Marble



M1555



Rusted Copper



M3053



All formaldehyde emission levels in accordance to E0 standards.

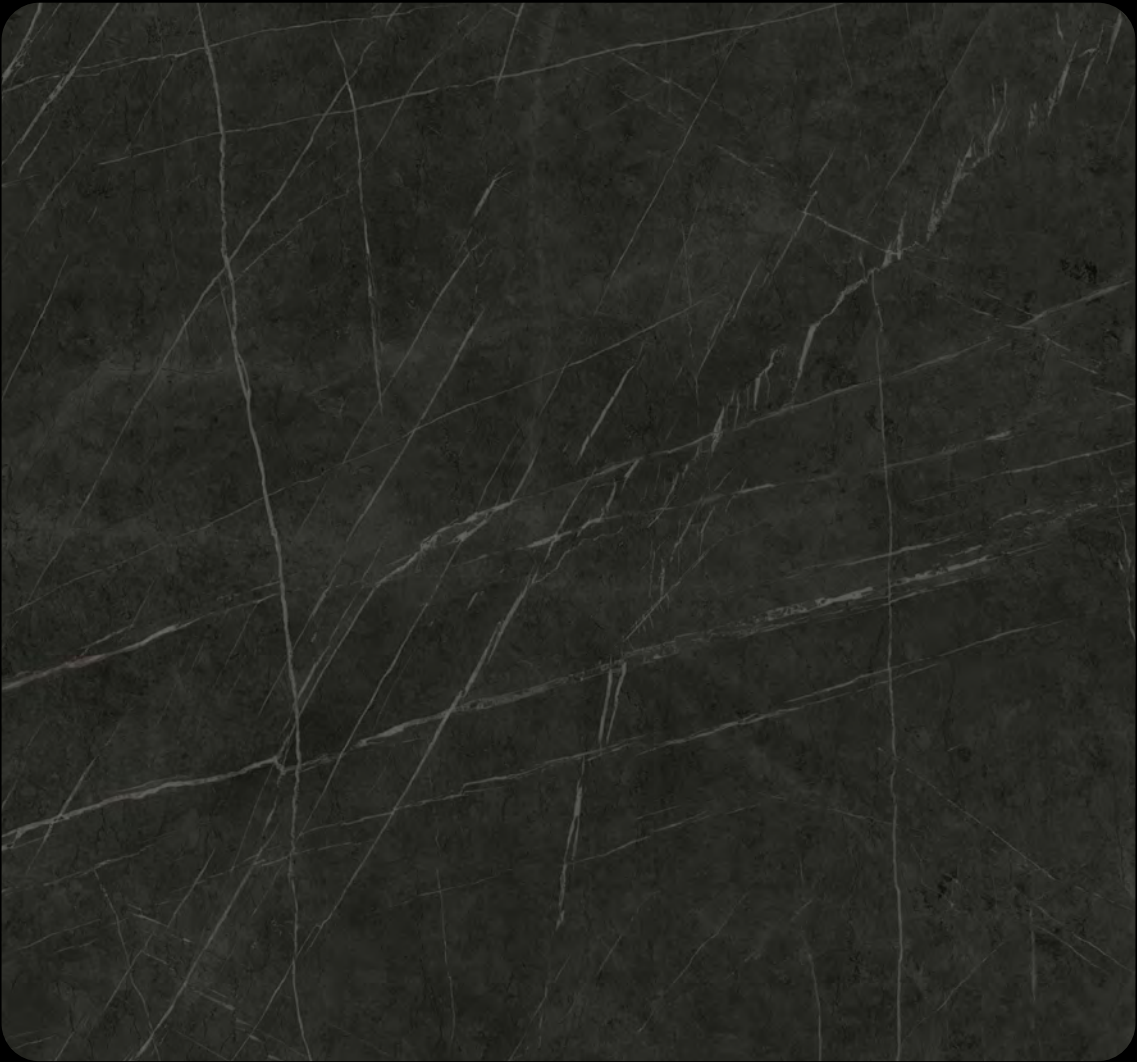


All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Marble

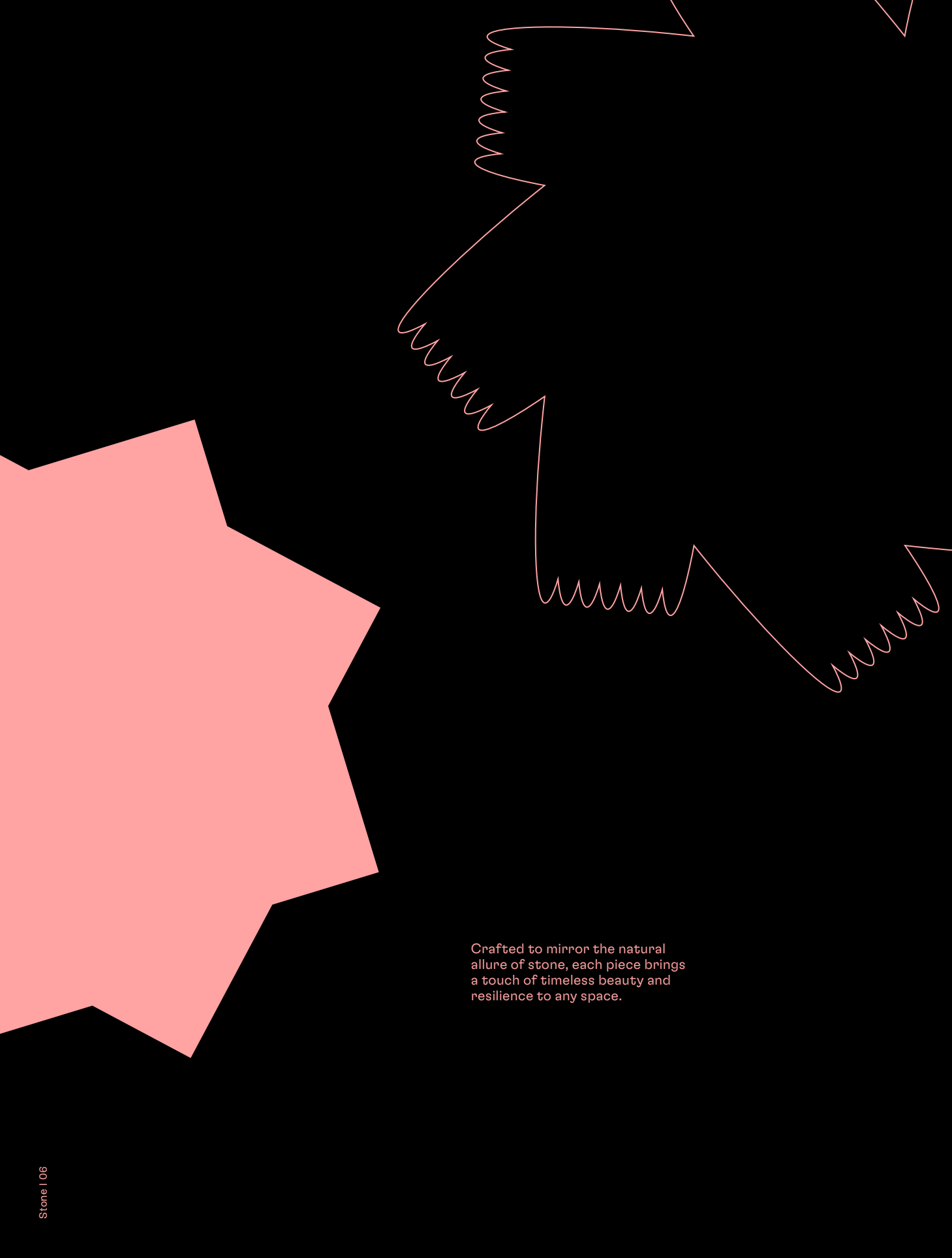


Marquina Marble



M516



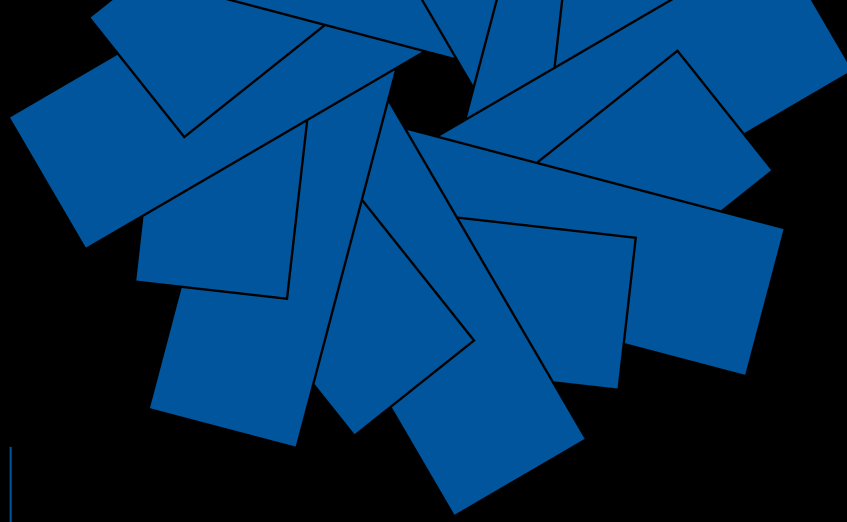


Crafted to mirror the natural
allure of stone, each piece brings
a touch of timeless beauty and
resilience to any space.

Solid Colour

3.0

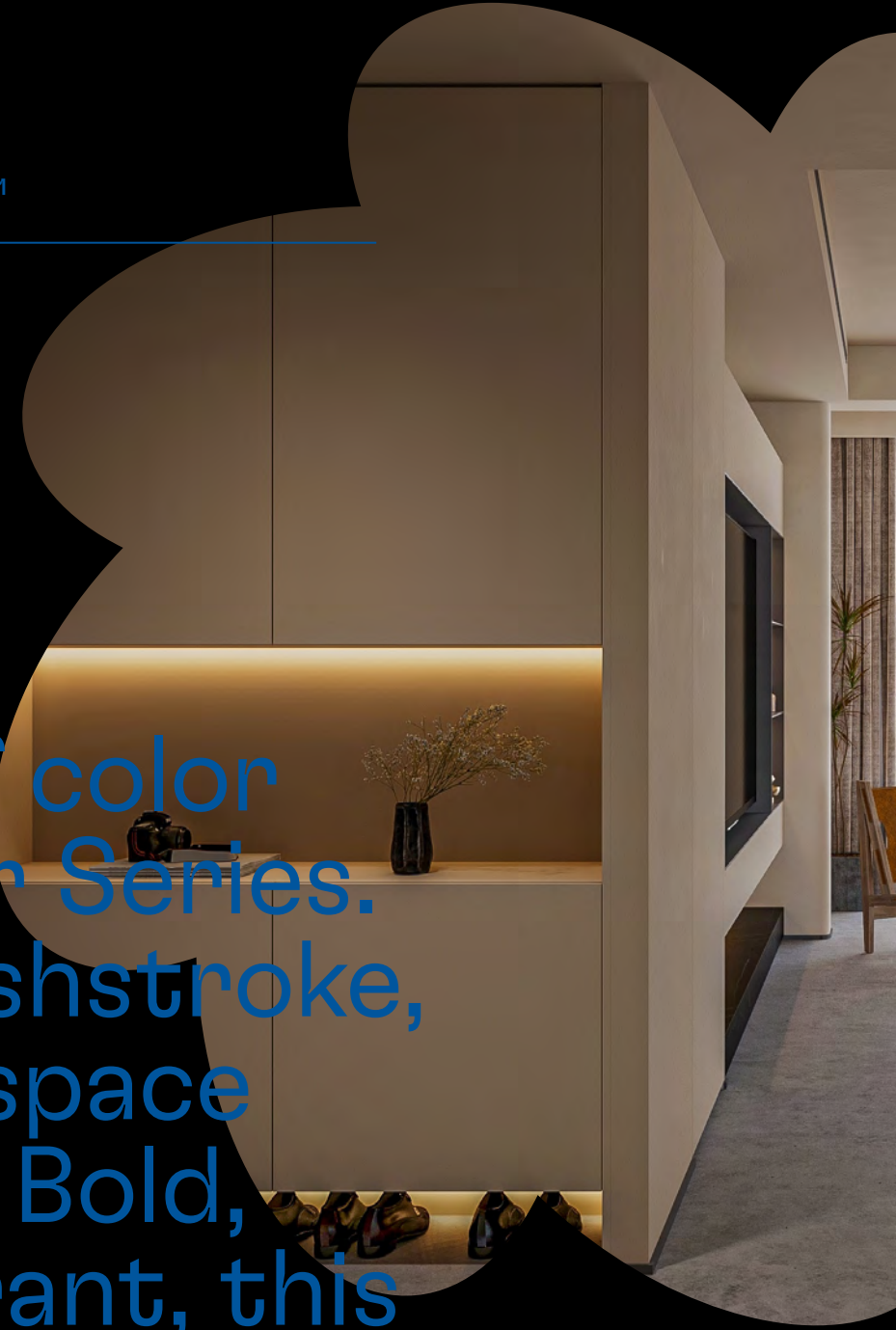
M-530
Pebble



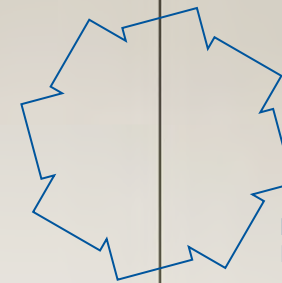
Solid Colour

M-511
Dove

Dive into a world of color with our Solid Color Series. Each shade is a brushstroke, transforming your space into a masterpiece. Bold, expressive, and vibrant, this palette is crafted for spaces that pop with personality.



Solid Colour



M-416
Malibu





All formaldehyde emission levels in accordance to E0 standards.

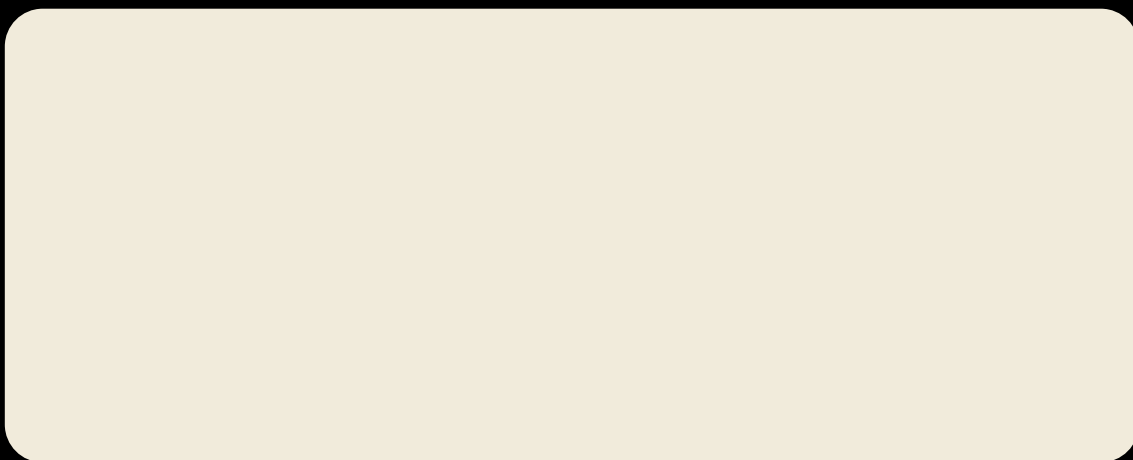


All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Neutrals



Malibu



M-416



Champagne



M-199



Dove



M-511



Pebble



M-530



Soft Taupe Mist



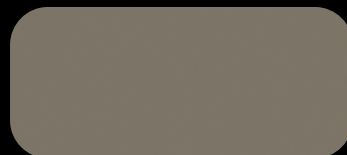
M-010



Slate Mist



M-456



Dusty Cocoa



M-232





All formaldehyde emission levels in accordance to E0 standards.

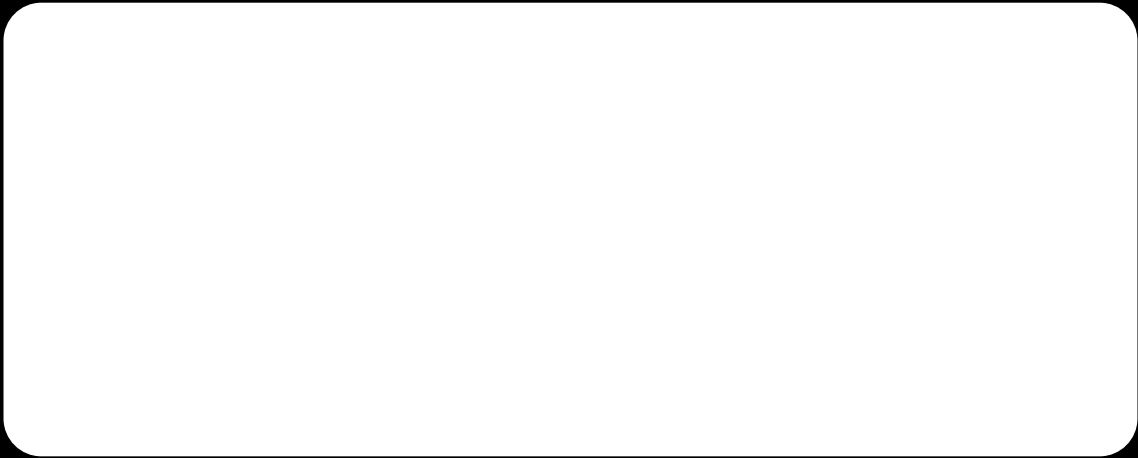


All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

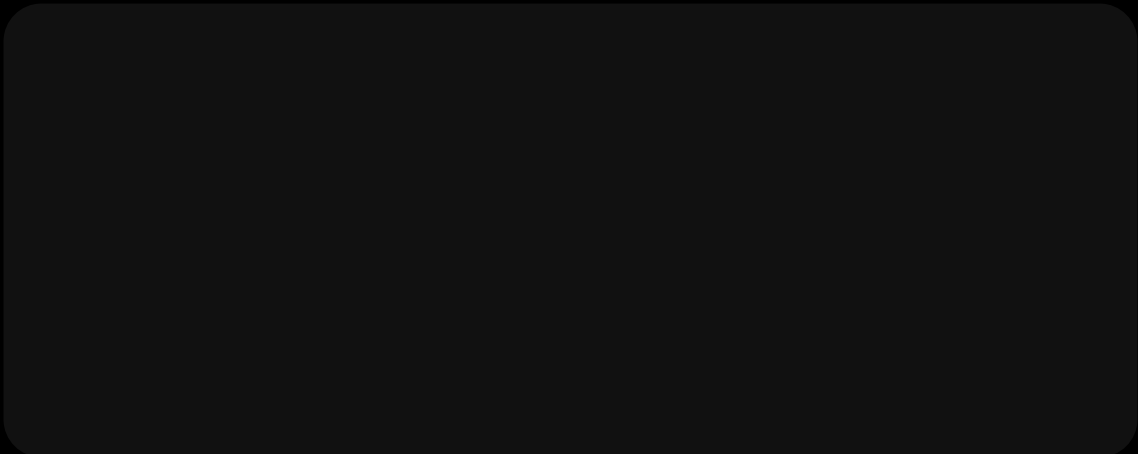
Neutrals



Bianca



M-042



Nero



M-043



All formaldehyde emission levels in accordance to E0 standards.



All raw materials sustainably sourced from legal woods.

Available Sizes:

1220mm x 2440mm

Neutrals



Soft Moonstone



M-004



Pearl Grey



M-795



Soft Fog



M-590



Mist Gray



M-457



Pale Ash



M-520



Faded Charcoal



M-009

Pastels



Pastel Cerise



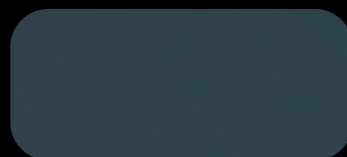
M-775



Mellow Matcha



M-1001




Midnight Jade



M-780





Perfect for feature walls, furniture, and accents, these colors bring a dynamic and modern touch to your interiors, ensuring your space is as unique and vibrant as you are.

“

We're not just innovating;
we're 'Making a World of
Difference' in every design
with our dedication to
sustainability and creative
excellence.

”

Lotus R&D Team



Care & Maintenance

Routine Care

To clean the surface, use a damp cloth or sponge and a mild soap or detergent. Rinse thoroughly with warm water and wipe dry.

Difficult stains such as coffee or tea can be removed using a mild household cleaner/detergent and a soft bristled brush, repeating as necessary.

Warning

Prolonged exposure of the laminate surface to bleach will cause discoloration. Hot pans and heat-producing appliances (such as electric skillets), when set directly upon countertops, could irreversibly damage the surface. Always use a heat shield, hot pad or trivet.

A few notes of caution

- Acidic or abrasive cleaners can damage laminate surfaces; do not use them.
- Never place pots or dishes directly from the oven or burner on an unprotected laminate surface; such extreme heat can cause cracking or blistering.
- Do not work with oven cleaners on an unprotected countertop. Wipe spills away promptly and rinse several times with water.
- Rust removers contain harsh chemicals which will quickly cause permanent damage. If a spill occurs, wipe off all residue immediately, wash thoroughly with soapy water and rinse several times.
- Don't use them for cleaning and don't store steel wool pads on your countertop; the metal can rust and leave stains.
- Avoid using abrasive cleaning tools.
- Avoid using sharp tools or abrasive products such as steel scrubbers when cleaning them.
- Keep laminate furniture away from direct sunlight to avoid discoloration.
- Do not use excessive water or leave water on your laminates for an extended period of time.

Limited Warranty

Lotus warrants that within one (1) year from the date of sale, its products will be reasonably free from defects when properly handled and fabricated, and when used under normal conditions and in compliance with applicable manufacturing specifications.

In the event that manufacturing defects occur during the warranty period, Lotus's liability is limited to the replacement of defective sheets or reimbursement of the cost of such sheets.

Clients are advised to inspect products thoroughly prior to installation. Lotus's warranty will not cover defects and non-compliance arising from, or otherwise attributable to, any other causes, including but not limited to:

- Improper handling, transportation, or storage of the products.
- Improper installation of the products.
- Improper or unintended use of the products.
- Lack of or improper maintenance of the products.
- Exposure of the products to extreme temperatures.

For any warranty service, please contact your local representative with details of the product and the issue encountered. Proof of purchase and a detailed description of the defect will be required.





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KL BRANCH

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Sg. Buloh Seksyen U19,
40160 Shah Alam, Selangor



lotusplywood.com
f @ lotus_plywood



Transform your spaces with our curated collection of High Pressure Laminate (HPL) Plywood, designed to ignite inspiration and elevate interiors. Combining artistry and innovation, our HPL plywood range offers a spectrum of textures and colors, empowering your creative visions. Each laminate reflects our unwavering commitment to quality, aesthetics, and environmental responsibility, crafted from EO-certified materials and sustainably sourced woods.

Explore and embark on a journey to transform your spaces with Lotus HPL Plywood.