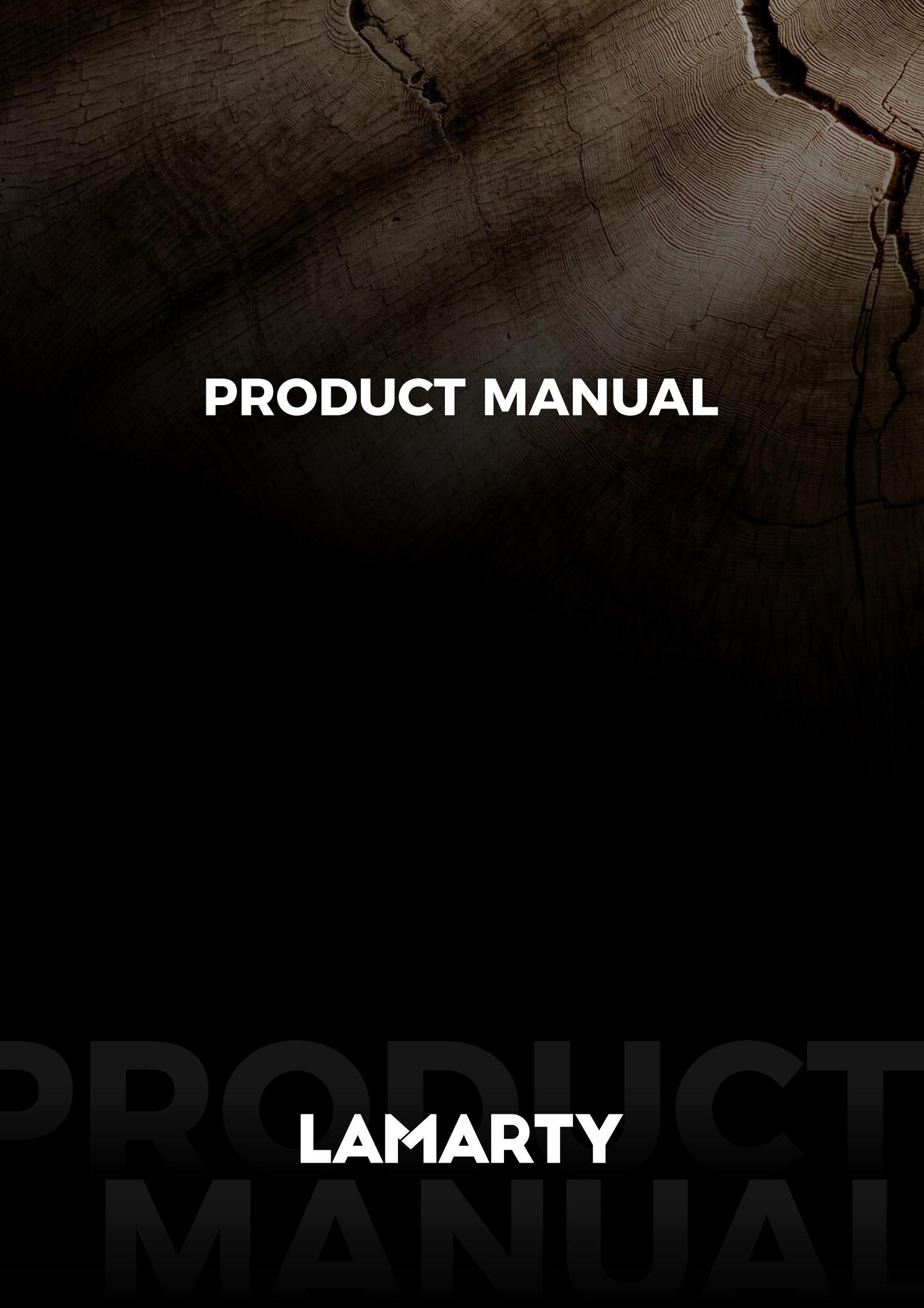




PRODUCT MANUAL

LAMARTY

**PRODUCT
MANUAL**

Contents

Contents

- 01 Prefinished Veneer Panel
- 02 Carved Texture Panel
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- 05 Solid Wood Retro Collection
- 06 Birch Wood Skin Feel Panel
- 07 Flexible Fluted Panel
- 08 Solid Wood Panel

Prefinished Veneer Panel

The Prefinished Veneer Panel series features 18 elegant wood grains and color tones.

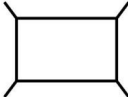
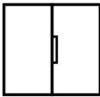
Constructed with a choice of multiple core materials and 0.5mm natural wood veneer, the surface is treated with advanced 172nm excimer coating technology to achieve a refined matte texture. It offers excellent resistance to yellowing, stains, moisture, and scratches.The topcoat uses eco-friendly paint from Sherwin-Williams USA, ensuring the product is safer and more environmentally friendly.

This series is thoughtfully paired with decorative panels, surface finishes, and edge banding to provide a comprehensive, tailor-made one-stop solution for your projects.

Specification

	Panels	
	Dimensions:	1220×2440/2750mm
	Thickness:	19mm
	Environmental Standard:	CARB P2
	Laminates	
	Dimensions:	1220×2440/3050mm
	Thickness:	1mm
	Environmental Standard:	CARB P2
	Edge Banding	
	Types:	Wood Veneer/ABS
	Thickness:	0.5/1mm
	Widths:	24/48/300mm

Application

				
Wall Panel	Interior Doors	Furniture	Cabinet Doors	Artistic Installations

Prefinished Veneer Panel

Model



Milk Oak



Graceful Oak



Elegant Elm



Beige Oak



Light Oak



Mellow Oak



Urban Oak



Colorado Oak



Rural Oak



Fawn Oak



Tranquil Walnut



Sunlit Walnut



Urban Eucalyptus



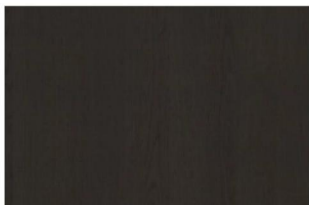
Thermo Walnut



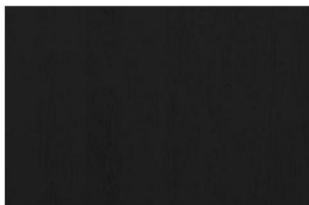
Brown Eucalyptus



Espresso Eucalyptus



Silent Walnut



Logan Elm

Carved Texture Panel

Crafted from solid wood, these panels undergo multiple precise processes including shaping, grooving, laser carving, polishing, and finishing with eco-friendly coatings. They feature unique, high-quality textures that impart a sense of depth and luxury to any interior space.

We use Sherwin-Williams coatings that meet stringent international environmental certifications and feature ultra-low VOC (Volatile Organic Compound) emissions, ensuring both aesthetic appeal and a healthy living environment.

Specification



Panels

Dimensions:1220×2440/3000mm

Thickness:7/19mm



5mm Solid Wood

2mm Fire-rated Board



5mm Solid Wood

14mm Substrate Layer

Substrate Layer:MDF/Birch Plywood/Multi-layer Solid Wood

Solid Wood Species:Walnut/Oak/Ash/Teak/Maple

Environmental Standard:CARB P2



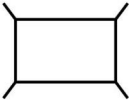
Edge Banding

Types:Wood Veneer/ABS

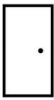
Thickness:0.6/1mm

Widths:24/48/300mm

Application



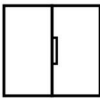
Wall Panel



Interior Doors



Furniture



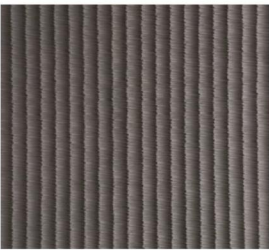
Cabinet Doors



Artistic Installations

Carved Texture Panel

Model



Dentate



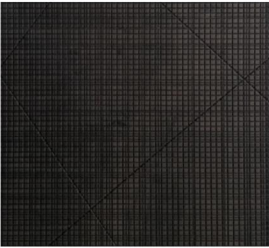
Terrace



Hammered



Adzed



Saw



Drilled



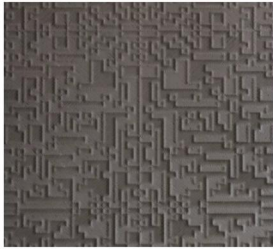
Rock



Ice-Cracked



Bamboo Weave



Cloud Scroll



Striated



Stacked

Our textured panels are engineered for exceptional adaptability. They can be easily integrated with a variety of core substrates, such as Birch Plywood, Multi-layer Solid Wood, or MDF, to fulfill diverse design and functional requirements.

Ideal for a wide range of applications, these panels are perfect for: Wall Cladding & Feature Walls, Flooring, High-End Custom Furniture, Interior Doors & Partitions, Movable Furniture & Casegoods.

Veneer Embossed Texture Panel

Authentic Wood Sensation Premium 1.6mm Veneer

Combining thick solid wood veneer with 3D embossing to perfectly restore the primal texture and warm touch of natural timber.

Our multi-substrate options resist warping and cracking, ensuring structural integrity across varying climates and environments.

Specification

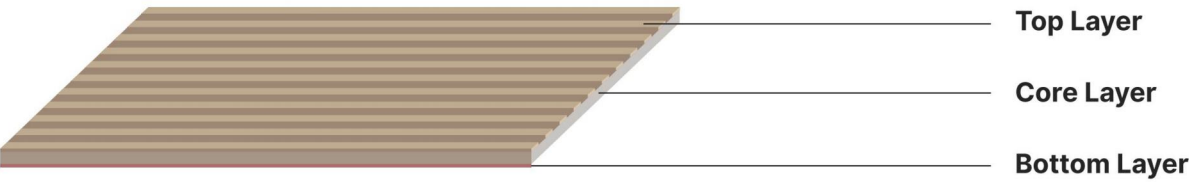
Panels

Dimensions:1220×2440mm	Veneer Thickness:1.6mm
Total Thickness:20mm	Environmental Standard:CARB P2

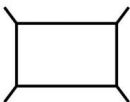
Top Layer: 1.6mm solid wood veneer, Red Oak, Walnut, Smoked Eucalyptus and Engineered Wood

Core Layer: MDF, five-layer solid wood, and eucalyptus plywood

Bottom Layer: 50S same-color veneer



Application



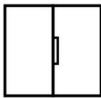
Wall Panel



Interior Doors



Furniture

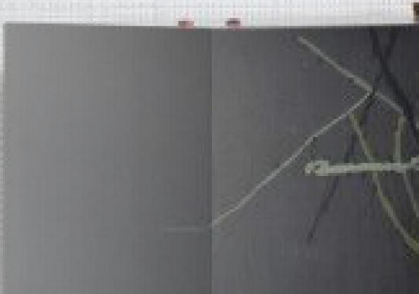


Cabinet Doors

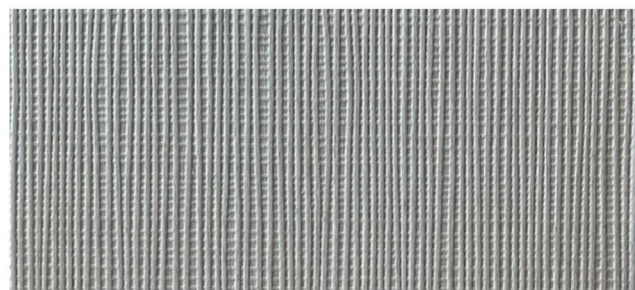


Artistic Installations

Veneer Embossed Texture Panel



Model



Fabric Texture



6083
Engineered Wood



6300
Engineered Wood



Checked



Red Oak
Straight Grain



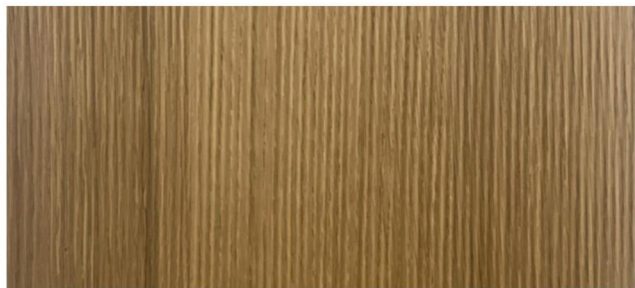
Walnut



Smoked
Eucalyptus



6097
Engineered Wood



W Texture



Red Oak
Straight Grain



Walnut



Smoked
Eucalyptus



6097
Engineered
Wood



6042
Engineered
Wood



Stripe



Red Oak
Straight Grain



Walnut



Smoked
Eucalyptus



6097
Engineered
Wood

Limitless Design Freedom Aesthetic Versatility. A rich palette of colors and grains providing high-end surface solutions that empower diverse customization and creative visions.

4H Excimer Skin-feel Panel

Utilizing a 172nm wavelength excimer UV light source within an inert gas environment, this high-precision coating process achieves a superior matte finish with a soft-touch feel.

The high-energy chemical reaction triggered in a pure nitrogen atmosphere significantly increases surface hardness and density, effectively eliminating issues like fingerprints and scratches.

Specification

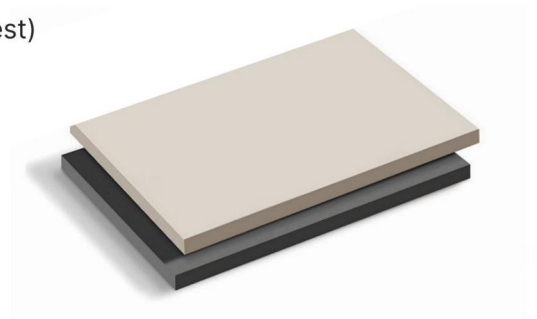
Dimensions: 1220 x 2440 / 3050 mm (Custom sizes available upon request)

Thickness: 18 mm

Process: 172nm Excimer UV Curing (Single-sided / Double-sided)

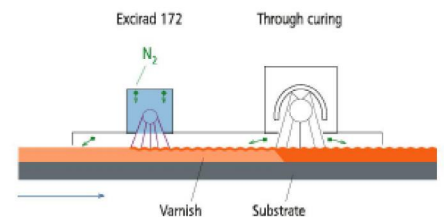
Substrate: MDF

Environmental: CARB P2

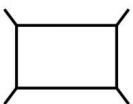


172nm Excimer Skin-Feel Technology

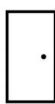
This 172nm excimer coating achieves an ultra-matte 1°–5° GU finish, using micro-creasing to scatter light for deep, "non-cloudy" color restoration. The high-density surface provides a silky, skin-like touch with superior anti-fingerprint and stain resistance. Furthermore, its enhanced cross-linking boosts hardness, effectively preventing the "polishing effect" (shiny scratches) common in traditional matte finishes.



Application



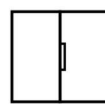
Wall Panel



Interior Doors



Furniture



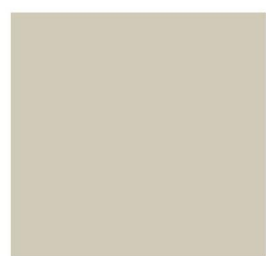
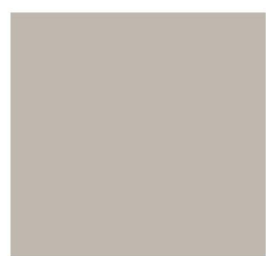
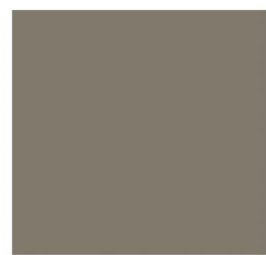
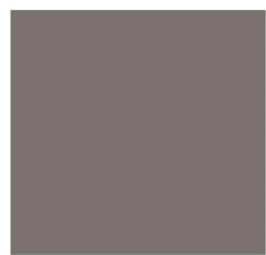
Cabinet Doors



Artistic Installations

4H Excimer Skin-feel Panel

Model

			
LMQ5001	LMQ5002	LMQ5003	LMQ5004
			
LMQ5005	LMQ5006	LMQ5007	LMQ5008
			
LMQ5009	LMQ5010	LMQ5011	LMQ5012

We utilize professional coating technologies from Sherwin-Williams, a global leader in the paint and coatings industry. A dual-layer system is applied to ensure the long-lasting beauty and durability of the panels.

Feature 12 ultra-matte colors. Widely used in residential, office, and commercial spaces, they offer a versatile, premium, and sophisticated minimalist aesthetic.

Solid Wood Retro Collection

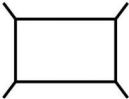
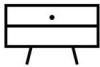
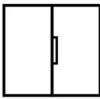
Solid Wood Retro Series represents the timeless elegance of oak. Captured in 14 unique textures, it merges the organic beauty of nature with architectural precision. An honest, high-performance collection designed to make every space uniquely yours.

We provide a vast selection of sizes, including grand-format 3050mm x 1220mm panels, ensuring continuity with minimal joints. Committed to health, our bonding process utilizes eco-friendly, zero-formaldehyde adhesives, securing superior indoor air quality for your projects.

Specification

	Panels	
	Dimensions:1220×2440/3050mm	Thickness:6-22mm
	Substrate:MDF/MDP/Plywood/5-ply Balanced Board	
	Solid Wood Species:Oak	Environmental Standard:CARB P2
	Flex	
	Dimensions:1220×2440/3050mm	Thickness:1.5mm
	Substrate:Non-woven Fabric	Solid Wood Species:Oak
	Environmental Standard:CARB P2	
	Edge Banding	
	Types:Wood Veneer	Thickness:0.5/1mm

Application

				
Wall Panel	Interior Doors	Furniture	Cabinet Doors	Artistic Installations

Solid Wood Retro Collection

Model



FG001 Pure Oak



FG002 Raw Oak



FG003 Dawn Oak



FG004 Misty Oak



FG005 Dusk Oak



FG006 Amber Oak



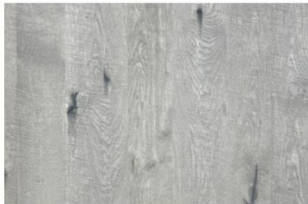
FG007 Clay Oak



FG008 Grey Oak



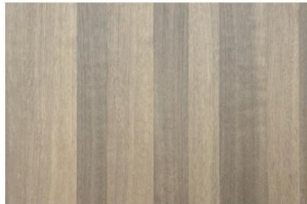
FG009 Urban Oak



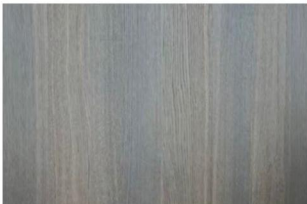
FG010 Soft Oak



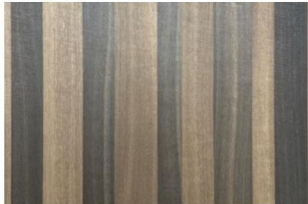
FG011 Shadow Oak



FG012 Retro Oak



FG013 Ebony Oak



FG014 Smoke Oak

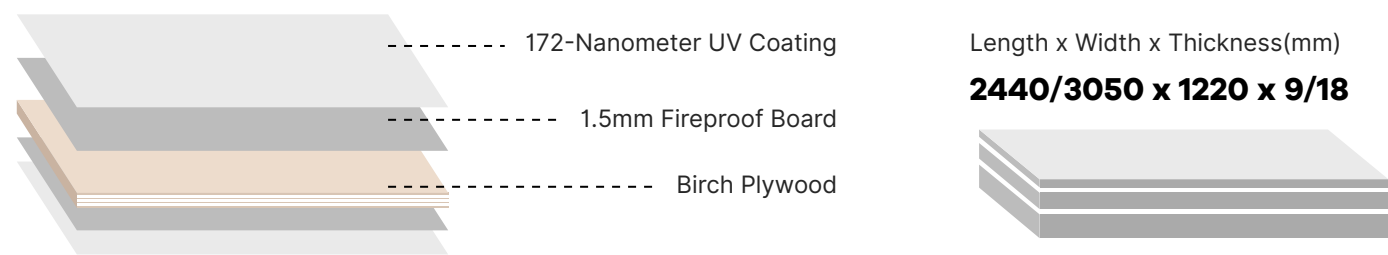
Wall paneling (up to 3050mm floor-to-ceiling), premium cabinetry, ceilings, and other flat surfaces. Available with four substrate options: MDF/MDP, Plywood, 5-ply Balanced Board, and customized cores.

Featuring our signature Medium Brushing and Linear Saw-cut Marks, each panel offers a 3D sensory experience that transforms light into shadow and industrial surfaces into hand-crafted art.

Birch Wood Skin Feel Panel

The core material of the product is European birch plywood, with 1.5mm thick fireproof boards on both the top and bottom layers.

The top layer is coated with a UV coating, and the surface of the panel is irradiated with 172-nanometer semi-transparent molecular light to cure and shrink the uncured paint. This process not only provides a skin-like texture but also makes the surface more durable and sturdy.



High-Quality Core Material

The product core is made from European birch plywood, offering strong resistance to deformation and excellent structural stability, ensuring long-term reliability during use.



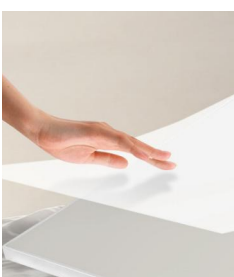
Thermal Repairability

By using a hot towel or other high-temperature items, minor scratches can be repaired, helping to maintain the board's shape and keeping it looking new for a longer period, enhancing the overall home experience.



Fire Resistance

Both the top and bottom layers use 1.5mm thick fireproof boards, significantly enhancing the product's fire safety and effectively reducing the risk of fire hazards.



Nano Coating

The 172-nanometer UV coating creates a smooth, wrinkle-free surface with a fine texture at the nano level, offering stronger fingerprint resistance.



Eco-friendly Materials

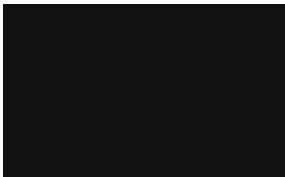
The selection of European birchplywood and fireproof boards meets environmental standards, and the production process releases no harmful substances, ensuring a healthy and safe environment for use.



Durability

The UV coating and semi-transparent molecular curing technology make the surface stronger, more resistant to scratches and wear, and extend the product's lifespan.

Birch Wood Skin Feel Panel



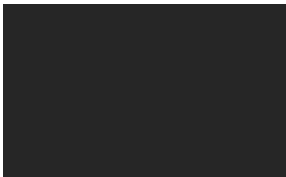
LMQ8001
Ink Matte



LMQ8002
Rouge



LMQ8003
Hermes Orange



LMQ8004
Classic Gray



LMQ8005
Platinum Gray



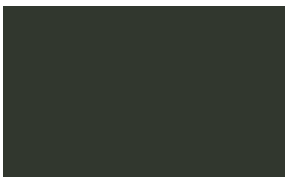
LMQ8006
Brown



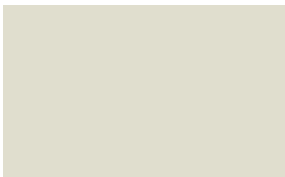
LMQ8007
Galaxy Gray



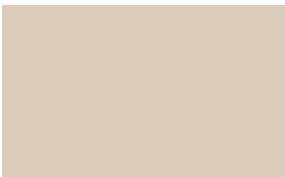
LMQ8008
Blue Gray



LMQ8009
Volcanic Ash



LMQ8010
Pearl White

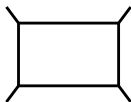


LMQ8011
Silver White

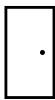


LMQ8012
Mocha Gray

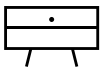
Application



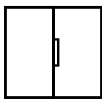
Wall Panel



Interior Doors



Furniture



Cabinet Doors



Artistic Installations

Flexible Fluted Panel

We select MDF (720 density) as the high-strength base material, backed with specialized composite paper, and fully utilize the top-tier PUR advanced wrapping technology.

It not only features excellent bending flexibility to perfectly wrap around any column or streamlined curve, but also ensures the surface material remains tightly bonded for the long term, preventing delamination and warping.



Premium Residences & Luxury Villas: Perfectly applied to living room TV background walls, bedroom headboards, and entryway feature walls. It seamlessly integrates into either the warm restraint of Wabi-Sabi style or the crispness of modern luxury.

Curved Walls & Column Column Wrapping: Completely solves the installation pain points of traditional woodwork on 360o cylinders, S-shaped surfaces, and curved corners, ensuring wall lines flow smoothly without any interruption.

Commercial, Art & Luxury Hotel Spaces: Provides flawless visual extension for irregular ceilings and massive reception desks in star-rated hotel lobbies, art galleries, and high-end private clubs, highlighting the artistic tension of the space.

Flexible Fluted Panel

Specification

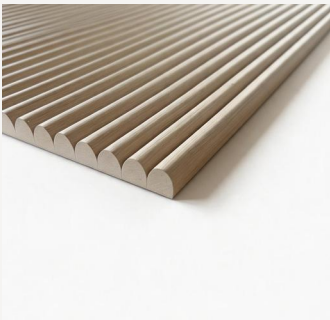
Core:MDF, Density 720kg/m3
Craftsmanship:PUR Wrapping Process

Backing:Specialized Composite Paper
Eco-Standard:E0/carb p2



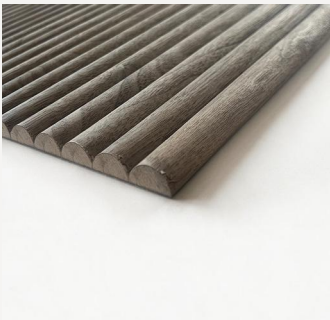
20mm V-Groove Flexible

Model:WQ001
Surface:PVC
Standard Size:1200/600/300x2440/2700/3000mm
Strip Size:6x20mm
Thickness:6mm



10mm Bead Flexible

Model:WQ002
Surface:Oak
Standard Size:1200/600/300x2440/2700/3000mm
Strip Size:9x10mm
Thickness:9mm



20mm Curved Round Flexible

Model:WQ003
Surface:Black Walnut
Standard Size:1200/600/300x2440/2700/3000mm
Strip Size:9x20mm
Thickness:9mm



20mm Concave Arc Flexible

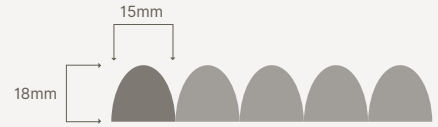
Model:WQ004
Surface:Oak
Standard Size:1200/600/300x2440/2700/3000mm
Strip Size:9x20mm
Thickness:9mm





15mm Dome Convex Flexible

Model:WQ005
 Surface:PVC
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:18x15mm
 Thickness:18mm



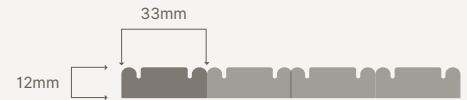
20mm Flat Triangle Flexible

Model:WQ006
 Surface:Oak
 Standard Size:600/300x2440/2700/3000mm
 Strip Size:12x20mm
 Thickness:12mm



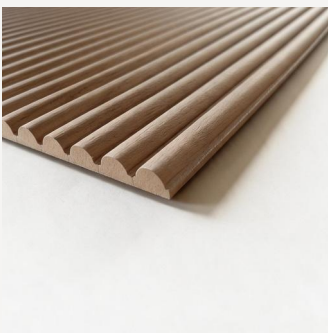
34mm Organic Arc Flexible

Model:WQ007
 Surface:PVC
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x33mm
 Thickness:12mm



20mm Grid Flexible

Model:WQ008
 Surface:PVC
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x20mm
 Thickness:12mm



20mm Half-Round Flexible

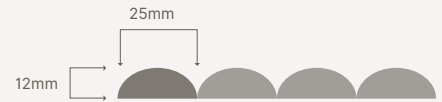
Model:WQ009
 Surface:PVC
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x20mm
 Thickness:12mm





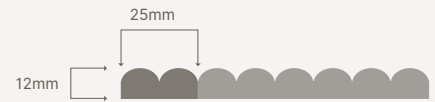
25mm Classic Half-Round

Model:WQ010
 Surface:Oak
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x25mm
 Thickness:12mm



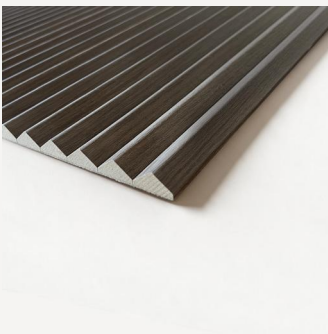
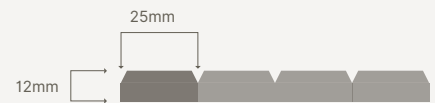
25mm Double Half-Round

Model:WQ011
 Surface:Oak
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x25mm
 Thickness:12mm



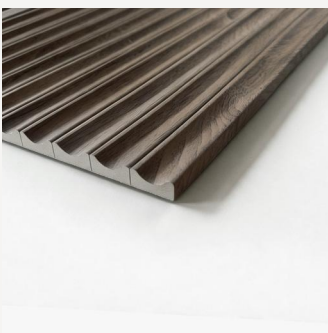
25mm Trapezoid Flexible

Model:WQ012
 Surface:PVC
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x25mm
 Thickness:12mm



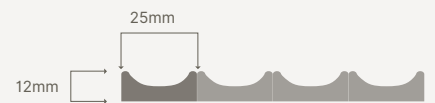
25mm Sharp Triangle Flexible

Model:WQ013
 Surface:PVC
 Standard Size:600/300x2440/2700/3000mm
 Strip Size:12x25mm
 Thickness:12mm

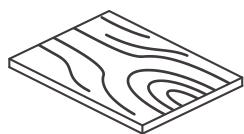


25mm Deep Concave Flexible

Model:WQ014
 Surface:Black Walnut
 Standard Size:1200/600/300x2440/2700/3000mm
 Strip Size:12x25mm
 Thickness:12mm

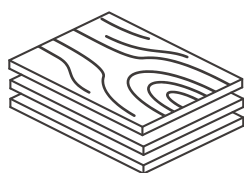


Solid Wood Panel



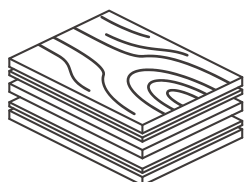
Solid Wood Panel

Made of continuous solid wood strips of the same species, bonded along the longitudinal edges in parallel, with sealed joints and subjected to strict quality control. Widely used in furniture, flooring, wall panels, and doors.



Three-Layer Solid Wood Panel

Composed of three layers of wood bonded in different directions, with a 2.6–3mm solid wood veneer on the surface and a middle balancing layer to enhance stability. Widely used in furniture and wall panels.



Five-Layer Solid Wood Panel

Five-layer structure with a core choice of carbonized Finnish spruce or solid wood core of the same species as the face layer, a eucalyptus balance layer in the middle, and a 2.6–3mm solid wood veneer face layer, offering enhanced stability and resistance to deformation.

The collection features dozens of premium solid wood veneer options, including American black walnut, red oak, white oak, cherry, maple; European ash, Burmese teak, Japanese hinoki, African cherry, and more.

With a stable five-layer structure, strong adhesive bonding, and excellent resistance to warping and deformation, this series offers outstanding performance and promising market potential.



Solid Wood Panel

Five-Layer Solid Wood Panel

The product features a five-layer structure with a carbonized Finnish spruce core, a eucalyptus balancing layer, and a 2.6–3mm solid wood veneer surface. The core board undergoes multiple processes such as edge-gluing and conditioning. Combined with the eucalyptus layer, it forms a dual stability system.

Compared to traditional three-layer solid wood panels made from a single wood species, this five-layer construction offers superior stability and significantly reduces the risk of deformation.

Density: 620-720 Kg/M³	Moisture: 8-12%
Length : 2440/2750mm	Width:1220mm
Thickness: 18mm	Environmental:carb p2



Solid Wood Panel

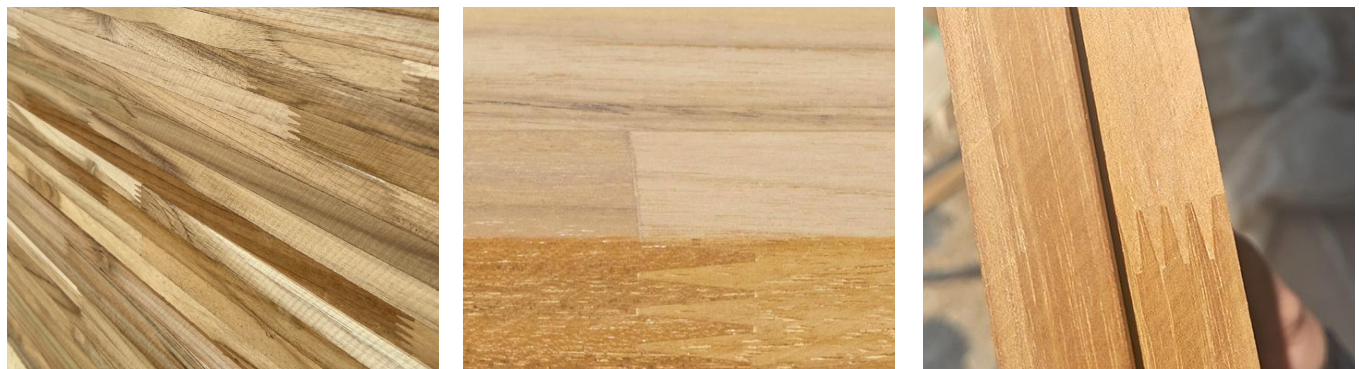


Finger Jointed Board

Lamarty solid wood finger-jointed boards are made by cutting interlocking joints at both ends of wood strips of the same width, thickness, and length. These strips are then glued, pressed, and cured, with the finger joints of adjacent strips interlocked to form a large, flat wooden board.

The product uses a dark joint process, with the finger joints running parallel to the board's surface. The joints are visible on the edge of the board, while the top and bottom surfaces remain flat. This makes the product ideal for applications with high aesthetic requirements, as it is less prone to unevenness after painting.

Density: 620-720 Kg/M ³	Moisture: 8-12%
Length : 2440/2750mm	Width:1220mm
Thickness: 18mm	Environmental:carb p2



Solid Wood Panel



Edge-glued Board

Edge-glued panels are a type of board formed by joining multiple pieces of wood along their length. This method of jointing is typically used for longer wood materials and effectively reduces material waste. During the manufacturing process, the wood is usually cut into long strips, which are then joined along their length. Smooth end surfaces are bonded together using adhesive to create the edge-glued panel.

Edge-glued panels are commonly used in the production of solid wood furniture, especially when large flat surfaces are required. For reasons of performance, cost-efficiency, and craftsmanship, this jointing method is often preferred. Compared to finger-jointed panels, edge-glued panels use less adhesive during production, making them more environmentally friendly.

Density: 620-720 Kg/M³

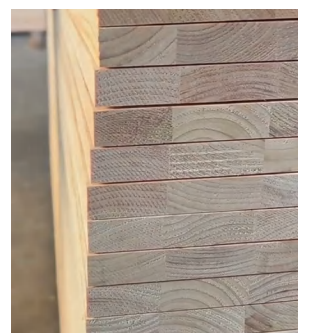
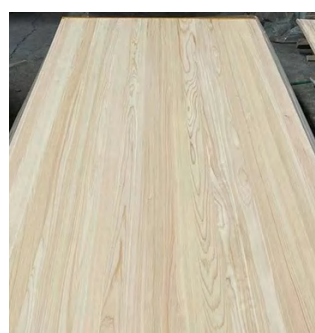
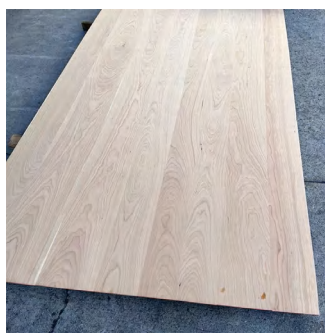
Moisture: 8-12%

Length : 2440/2750mm

Width:1220mm

Thickness: 18mm

Environmental:carb p2



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