



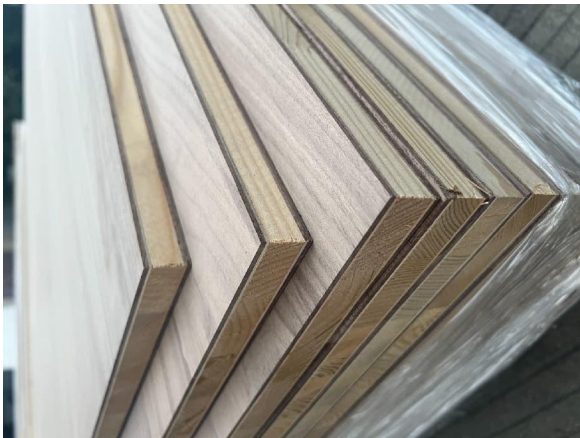
**FIVE-LAYER
SOLID WOOD PANEL**

LAMARTY

Product Introduction

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.



Product Introduction

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

2.6–3mm solid wood veneer

eucalyptus balancing layer

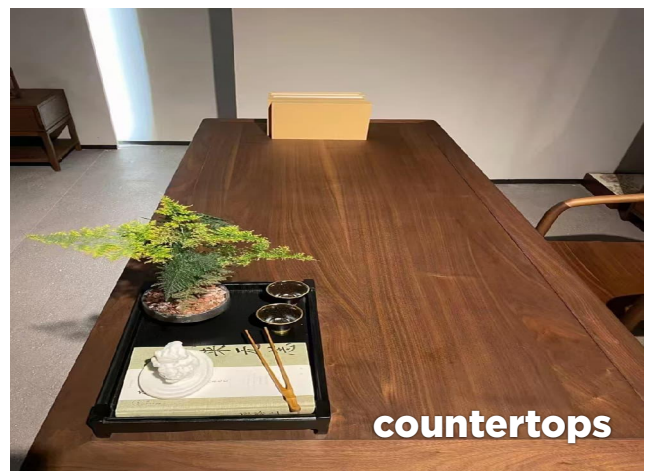
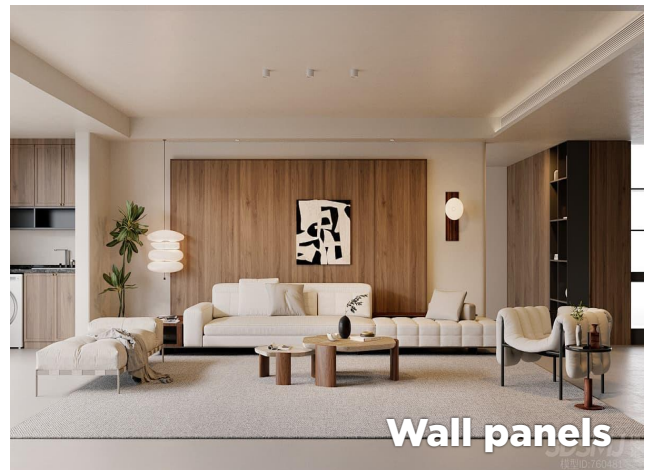
Carbonized spruce core

eucalyptus balancing layer

2.6–3mm solid wood veneer



Product Application



Product Introduction

DOP

PRODUCT CATEGORY	Lamarty Birch Wood Skin Feel Panel		
Substrate		Solid Wood	
	Unit	Reference Standard	Performance
GENERAL PROPERTIES			
Moisture Content	%	EN 322:1993	6.4
Substrate Density	kg/m ³	EN 323:1993	712
Bending Modulus Of Elasticity	MPa	EN ISO178	≥9000
Bending Strength	MPa	EN ISO178	≥80
Static Bending Strength	MPa	EN 310	30.7
Internal Bond Strength	N	EN 319:1993	0.50
OTHER PROPERTIES			
Formaldehyde Emission		EN 717-1:2004	CARB P2

Test Standards: EN 319:1993, EN 323:1993, EN ISO 2808:2019 Method 4A, EN 322:1993, EN ISO 26987:2012, EN ISO 2813:2014, EN 438-2:2016+A1:2018 Clause 21, EN ISO 105-B02:2014, EN 15187:2024, EN 1399:1997 Method A and Method B, EN 12664:2001, Ref. EN 717-1:2004



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