

PoliLam High Pressure Laminate

A passion for design, adventure, and sustainability drives us to take one of interior design's ecofriendly surface solutions high pressure laminate, and transform it.

We believe it is our duty to educate our users on the benefits and features HPL possesses, while also incorporating innovative technology to develop our product to the best of its ability.

Key Features

Dimensions:

4x8ft (1220x2440mm), 4x10ft (1220x3050mm),
0.7mm (.028"± .0025"), 1.0mm (.039"± .005")

Physical Properties:

Complies with NEMA LD3-2005 "High Pressure Decorative Laminates (HPL) ", ensuring the material meets the high strength and durability standards.

Formaldehyde Emission:

Complies with GB 18580-2001 requirements for formaldehyde emission, meeting the air quality standard for formaldehyde release.

Eco-Certification:

Certified by GREENGUARD, including Greenguard Gold, FSC Forest Certification, and Singapore Green

Technical Specifications

Property	Test Method	Test Result
Thickness Tolerance	EN438-2-5/ NEMA LD03-2005	0.7mm (.028"± .0025") 1.0mm (.039"± .005")
Cleanability	ANSI NEMA LD .3-2005 Section 3.4	Score: 6
Stain Resistance	ANSI NEMA LD .3-2005 Section 3.4	No effect
Boiling Water Resistance	ANSI NEMA LD .3-2005 Section 3.5	No effect
High Temperature Resistance	ANSI NEMA LD .3-2005 Section 3.6 Hot wax method	No effect
Scratch Resistance	ANSI NEMA LD .3-2005 Section 3.7.3	Rating:3(4N)
Ball Impact Resistance	ANSI NEMA LD .3-2005 Section 3.8	No effect
Wear Resistance	ANSI NEMA LD .3-2005 Section 3.13	350cycles
Tensile Strength	ASTM D638-14	149Mpa
Ball Impact Resistance	ANSI NEMA LD .3-2005 Section 3.8	1100mm

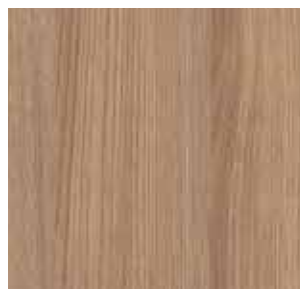
Mechanical and Environmental Performance

- **Tensile Strength:** The tensile strength of 149 MPa provides reliable assurance for load-bearing applications.
- **Abrasion Resistance:** The abrasion resistance of HPL is rated at 1988 revolutions, ensuring the material's durability and service life.
- **Stain Resistance:** Rated at Level 5, the highest stain resistance, which aids in daily cleaning and maintenance.

HPL Decor Collection



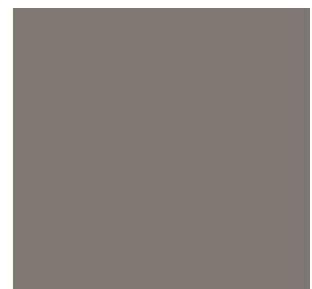
Digital Print



Woods



Patterns



Solids

Featuring a range of woodgrains and textures to suit any style. These designs add versatility and depth, ensuring a perfect match for various design projects.

Applications

PoliLam HPL boards are perfect for a variety of interior design applications including:



Installation and Maintenance

Installation:

For ease of installation, PoliLam recommends acclimating HPL for one week prior to cutting, especially when used in environments with changing humidity.

Maintenance:

HPL is easy to clean and maintain. Its surface is corrosion-resistant, moisture-proof, and wear-resistant, making it an ideal choice for high-traffic residential and commercial spaces.

Handling and Storage

Transport whole panels upright to avoid excessive bending that could cause cracks. Pay attention to protecting the edges and corners. During storage, keep the panels in a dry, well-ventilated area, away from direct sunlight and extreme temperature changes. Panels should be laid flat on a level surface with proper support to avoid warping.

Matching Edging Available

Our HPL collection is available with matching ABS edging.

Size: 15/16th in. x 1mm

Laser Edging Available upon request