

## PoliLam Marker Board Laminate

PoliLam Markerboard Laminate is specifically designed for environments that require a durable, high-gloss decorative surface with excellent dry-erase performance. It allows for smooth writing and easy erasing of dry erase markers, making it ideal for dynamic, high-traffic areas.

### Key Features

Dimensions:  
4x8ft ( 1220x2440mm ), 4x10ft ( 1220x3050mm ),  
1mm ( .047"± .005")

### Physical Properties:

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

### Fire Resistance:

ASTM E84-20 'Standard Test Method for Surface Burning Characteristics of Building Materials' this product is rated Class A for fire performance.

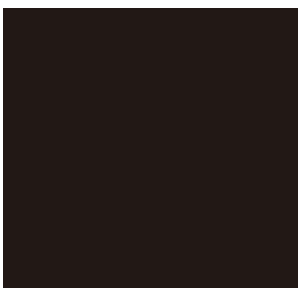
### Formaldehyde Emission:

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

## Marker Board Laminate Decor Collection



C0454 HG Jet Black



C0457 HG Architect White

## Technical Specifications

Property	Test Method	Test Result
Thickness Tolerance	EN438-2-5/ NEMA LD03-2005	1mm (.047" ± .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	700cycles
Tensile Strength	ASTM D638-14	149Mpa
Ball Impact Resistance	ANSI NEMA LD .3-2005 Section 3.8	1100mm
Fire Resistance	ASTM E84-20	Class A

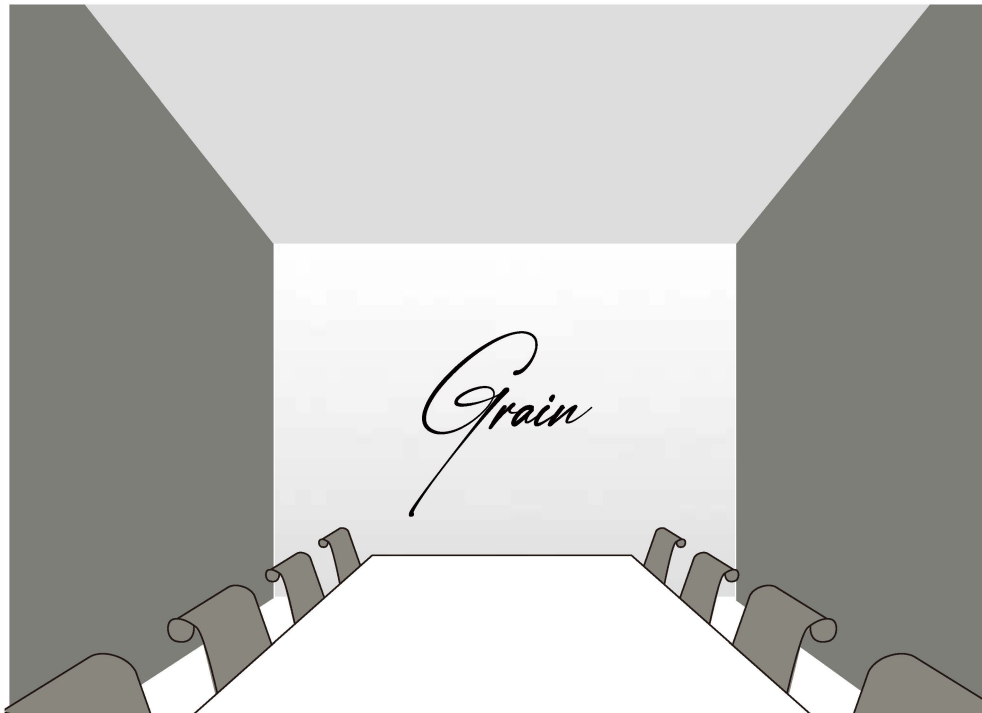
## Mechanical and Environmental Performance

- **Tensile Strength:** The tensile strength of 149 MPa provides reliable assurance for load-bearing applications.
- **Abrasion Resistance:** The abrasion resistance of Marker Board Laminate 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.

## Applications

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

| Educational settings | Corporate environments | Public spaces | Home offices and creative workspaces |



## Installation and Maintenance

### Installation:

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

### Maintenance:

Marker Board Laminate 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.