

PoliLam Magnetic Marker Board

PoliLam Magnetic Marker Board not only retains the exceptional performance of traditional fire-resistant panels, but also innovates by combining strong magnetic functionality with smooth writing. Available in a variety of colors and surface textures, it seamlessly adapts to homes, schools, offices, and commercial spaces—offering a communication solution that blends practicality with aesthetic design.

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.

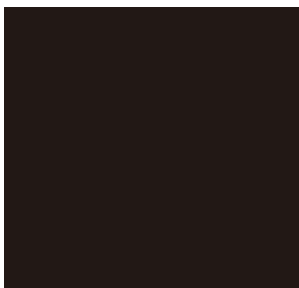
Formaldehyde Emission:

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 Label certification.

Magnetic Marker Board Decor Collection



C0454 HG Jet Black



C0457 HG

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

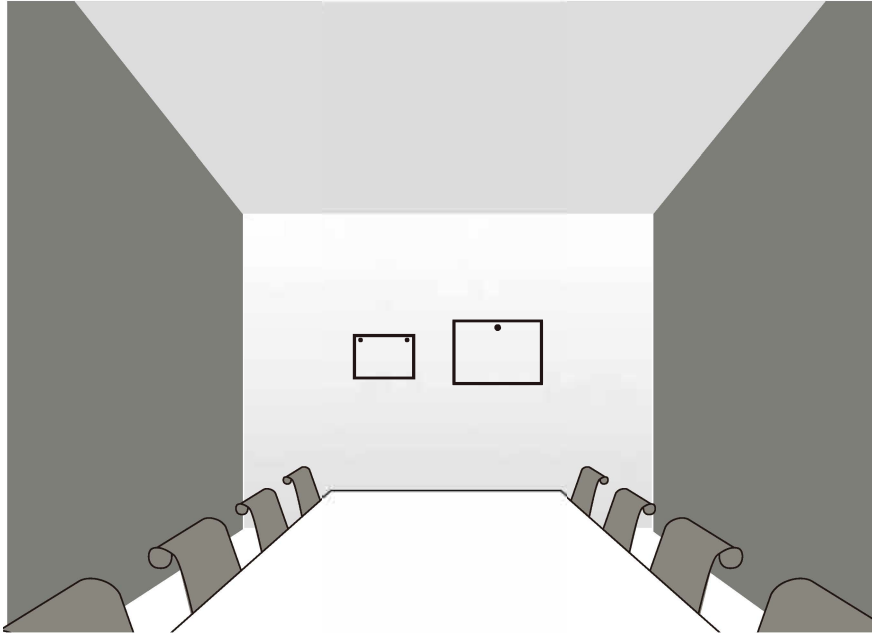
Mechanical and Environmental Performance

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

Applications

PoliLam HPL 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 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.