

POLYGLASS®



MAPEPLAN® PVC

PVC ROOFING MEMBRANES

Building on Our Roofing Expertise

Polyglass USA, a leader in providing roofing and waterproofing solutions, has built its reputation on delivering strength and long-term durability. Known for their innovation, Polyglass and MAPEI combined, deliver decades of global expertise and proven field performance.

With over **17 years of proven performance** and **9 million square feet installed across Europe**, MAPEPLAN® PVC membranes bring a legacy of reliability and innovation to the U.S. market.

With the addition of **MAPEPLAN® PVC single-ply roofing membranes**, Polyglass now brings to the U.S. market the best of both worlds: **the robustness of bituminous technology and the proven flexibility, chemical resistance, and high performance of PVC**. Together, these technologies enable complete low-slope roofing systems engineered to meet the evolving needs of modern commercial, industrial, and institutional buildings.

HIGH-PERFORMANCE PVC SYSTEMS FOR ROOFING EXCELLENCE

Engineered with flexible PVC resins—thermoplastic polymers known for weldability, durability, and resistance in the toughest environments.

Fire Resistance

- **Inherently fire resistant and self-extinguishes** offering superior fire resistance compared to other single ply membranes.

Superior Seam Strength

- **Hot-air welded seams** deliver a time-tested and reliable, monolithic watertight seam.
- **Wide temperature window to weld**, providing better welds and reduced leak potential.

Chemical Protection

- **Resists aggressive chemicals**, including jet fuels, animal fats, oils, and industrial greases, making it ideal for airports, restaurants, manufacturing facilities, and food processing plants.

Ponding Water & UV Resistance

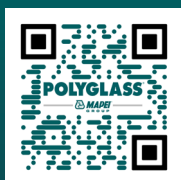
- **PVC's proven chemistry** - first used in pool liners - offers lasting flexibility, resistance to ponding water, and color stability under intense solar exposure.

Energy Efficiency

- **Highly reflective surface** helps reduce cooling costs and supports green building initiatives.

Ease of Installation

- **Flexible and formulated for easy installation** even in low temperatures.



Discover Our High-Performance PVC Roofing Systems
polyglass.us | (888) 410-1375

Scan or call for system details, specifications, and product support

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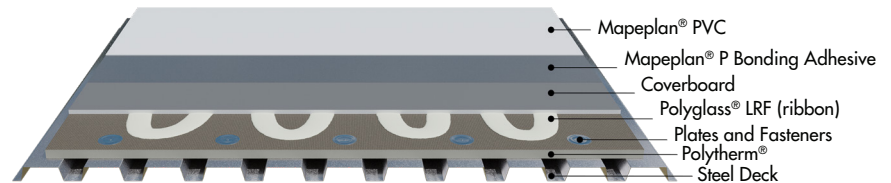
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TYPICAL SYSTEMS

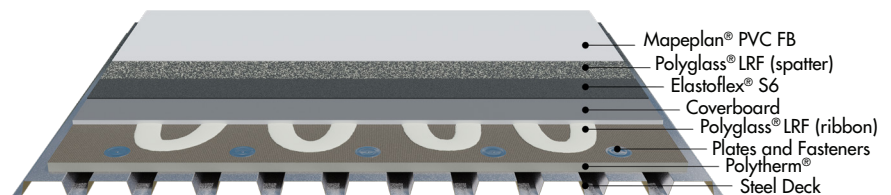
Adhered

Excellent wind uplift performance protecting buildings in high-wind zones and coastal regions by maintaining secure adhesion and preventing membrane displacement.



Hybrid

Combine the redundancy, impact resistance, and waterproofing strength of bituminous systems, plus the chemical resistance, reflectivity, and lightweight efficiency of PVC.



COMPREHENSIVE MEMBRANE RANGE & APPLICATION MATRIX

PRODUCT OFFERINGS	THICKNESS ¹	WIDTH	COLOR OPTIONS ²	INSTALLATION METHODS ³	
MAPEPLAN® PVC PVC Roofing Membrane	60mil, 80mil	5', 10'	White, Gray, Tan	Mechanically Attached - Through-seam fastening - Induction welding	Adhered Compatible with approved Polyglass adhesives
MAPEPLAN® PVC FB Fleeceback PVC Roofing Membrane		10'		Adhered Compatible with approved Polyglass adhesives	

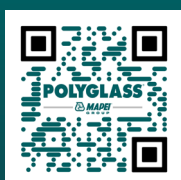
1. Both configurations available in minimum and nominal thickness

2. Custom colors available upon request

3. Additional applications: Hybrid Systems – Combine modified bituminous systems and PVC; Metal Retrofit – Engineered for metal roof recovers

COMPLETE SYSTEM ACCESSORIES

MAPEPLAN® PVC comes with a full line of compatible accessories and adhesives. Together, they create a complete Polyglass roofing system, from the deck up, for reliable, long-term performance backed by Polyglass technical expertise and warranty protection.



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