

ROOFING

PRODUCT CATALOG

2026

For Distributors, Fabricators,
Contractors, and Facility Developers



PIXIU SOLUTIONS

ABOUT US



Pixiu is owned by the Chaplin family who built a manufacturing legacy of long-lasting high performance PVC products. We continue to offer good quality, well-priced rolled products which we can customize to specific needs.

PVC AND TPO ROOFING MEMBRANE

Pixiu Solutions offers specialized reinforced PVC and TPO Roofing Membranes in 50 mil and 60 mil thicknesses, alongside their patented peel-and-stick URoof Full System designed to eliminate up to 99% of on-roof welding.



50-60MIL REINFORCED

Pixiu Solutions' PVC Roofing Membranes deliver durable, flexible, waterproof performance for commercial and industrial roofing applications. Engineered with extensive PVC expertise, they provide consistent quality and long-term resistance to weather, moisture, and environmental exposure.

Product	Max Warranty Length
50MIL	15 Years
60MIL	15 Years

Available In White, Grey, and Custom Colors

STANDARD PVC ROOFING MEMBRANES

High-standard 50mil and 60mil reinforced PVC and TPO roofing sheets formulated with quality resins for tensile strength and dimensional stability. This membrane can be heat-welded, is UV-resistant, and can endure direct weather exposure, meeting ASTM 4434 standards.

KEY FEATURES



EXCEPTIONAL WATERPROOF PROTECTION

Creates a durable barrier to help prevent moisture intrusion and protect building structures.



WEATHER-RESISTANT PERFORMANCE

Withstands exposure to sun, rain, temperature changes, and demanding outdoor conditions.



FLEXIBLE AND DURABLE CONSTRUCTION

Provides installation flexibility while supporting long-term performance



CONSISTENT MANUFACTURING QUALITY

Manufactured with precision and a commitment to material excellence.



VERSATILE APPLICATIONS

Suitable for a wide range of commercial and industrial roofing needs.



Contact Pixiu Solutions to learn more about our PVC Roofing Membranes and capabilities.

pixiusolutions.com | phone 519-753-2111

UROOF PEEL AND STICK SYSTEM

Pixiu Solutions offers URoof, a patented peel-and-stick roofing membrane designed to eliminate 90% to 95% of on-roof welding—drastically cutting down installation and repair time.

KEY FEATURES



TIME-SAVING APPLICATION

The peel-and-stick backing reduces extensive heat-welding or torching on the roof.



VERSATILE COMPATIBILITY

It adheres directly to various existing roof systems, including EPDM, smooth asphalt, PVC, and built-up roofing (BUR)



REPAIR AND REROOFING

It works well for repairing damaged sections or handling full roof refurbishments with a semi-rigid film build.

15-Year Product Warranty



UROOF PATCH & REPAIR

Designed for reliable long-term performance using the same robust 60 mil reinforced layer and strong adhesive properties for metal, concrete, wood, and standard roofing materials

Pixiu offers a solution for flat or low sloped roofs requiring immediate repair. UROOF is rolled vinyl reinforced film with Peel & Stick application. Its bond strength is exceptional and can be applied on most types of surfaces (even PVC) by applying 100 lbs pressure. Rolls are available in varying widths.





50MIL & 60MIL ROOFING MEMBRANE

TECHNICAL DATA SHEET

General Properties	Method	Unit	Typical Value	Results
Physical Property	ASTM Test Method	Mil	50-mil PVC (Nominal)	60-mil PVC (Nominal)
Overall Thickness	ASTM D751		50 mils (1.27 mm)	60 mils (1.52 mm)
Thickness Over Scrim (Min)	ASTM D7635		16 mils (0.41 mm)	24 mils (0.61 mm)
Physical Properties	Method	Unit	Typical Value	Results
Breaking Strength (Min)	ASTM D751	lbs	200 lbf/in (890 N)	200–285 lbf/in (1,268 N)
Elongation at Break (Min)	ASTM D751	%	15%	15%
Low Temperature Bend	ASTM D2136	°C	Pass at -40°F (-40°C)	Pass at -40°F (-40°C)
Linear Dimensional Change	ASTM D1204	%	< 0.5%	< 0.5%
Durability	Method	Unit	Typical Value	Results
Water Absorption (Max)	ASTM D570	%	3.0%	3.0%

ROOFING MEMBRANE SPECIFICATIONS

Thickness Options: Available in 50 mil and 60 mil reinforced sheets.

Constructions: Available in PVC (Polyvinyl Chloride) and TPO (Thermoplastic Polyolefin) formulations.

Core Composition: Formulated with high-grade resin and internal scrim reinforcement while avoiding standard fillers to optimize performance.

Key Properties: High tensile strength, high bond strength, along with enhanced dimensional and color stability.



Pixiu relies on its extensive partnerships to design, develop and test its products within a peer review culture, ensuring the best ideas are translated into the best products. We're located in Ontario, Canada - the development mecca of the world where companies converge to create the best that science has to offer.

Training & Technical Resources



Pixiu provides installers, fabricators, and contractors with access to a growing library of technical resources, installation guides, product documentation, and training materials. From welding techniques and detailing to maintenance best practices, our online support tools are designed to help ensure consistent, high-quality installations and long-term product performance.

