PIXIU SOLUTIONS



SPECIALIZED BLACK EXTERIOR BUILDING FILMS

PRODUCT CATALOG

2026

For Professional Installers and Fabricators

pixiusolutions.com | phone 519-753-2111

PIXIU SOLUTIONS

ABOUT US



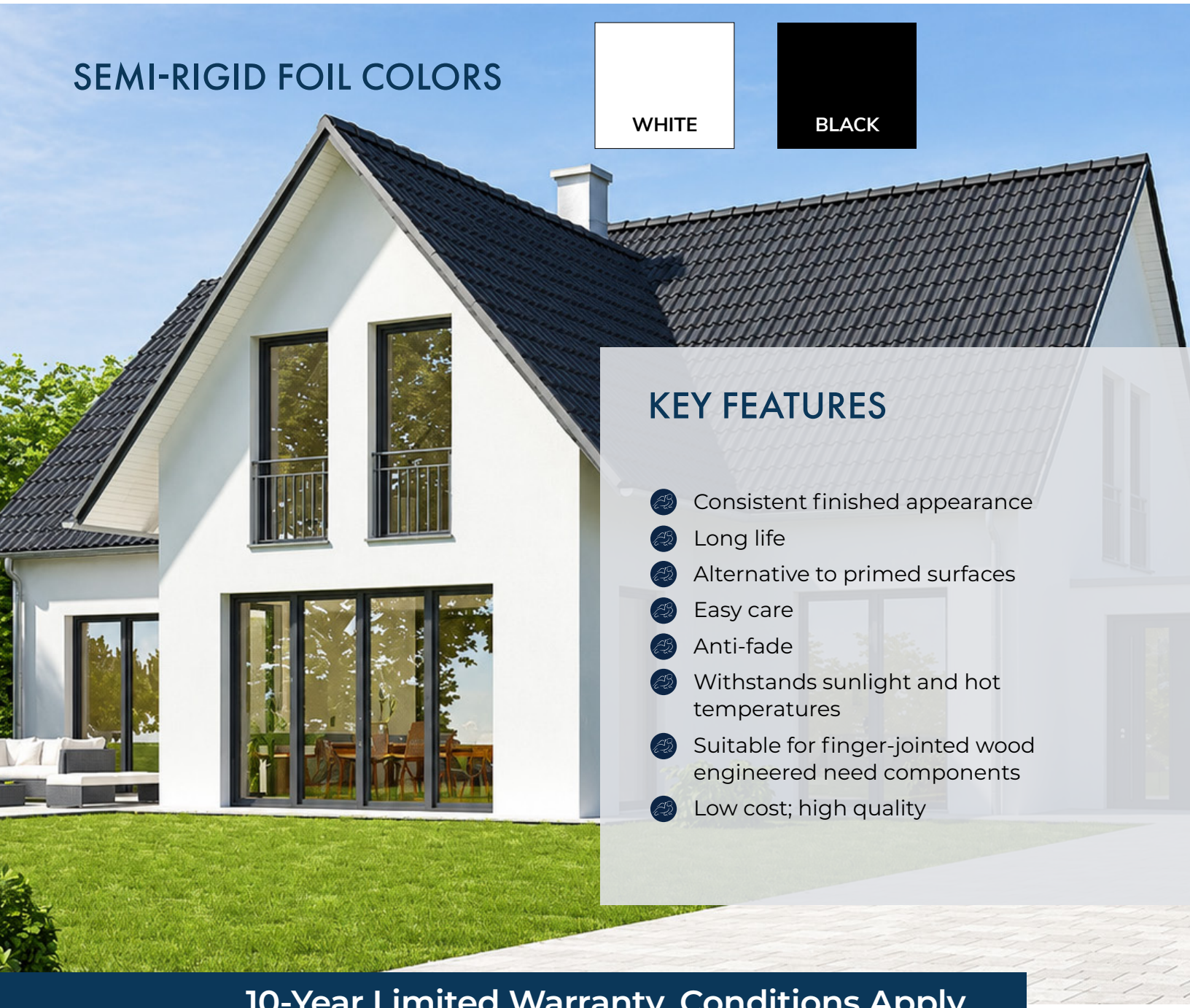
Pixiu is owned by the Chaplin family who built a manufacturing legacy of long-lasting high performance PVC products. We continue to offer good quality, well-priced rolled products which we can customize to specific needs.

Exterior Building Films

A highly durable laminate film for exterior applications including window and door profiles. Pixiu's foil comprises a unique pigmented PVC formulation that offers extraordinary mechanical properties, high UV resistance and outstanding durability. Pixiu specializes in Black Exterior Building Films resistant to sun damage; formulated for fade and heat resistance.

EXTERIOR BUILDING FILMS

A highly durable laminate film for exterior applications including window and door profiles. Pixiu's Semi-rigid foil comprises a unique pigmented PVC formulation that offers extraordinary mechanical properties, high UV resistance and outstanding durability. This product is offered in white and black.



10-Year Limited Warranty. Conditions Apply.

7MIL SEMI-RIGID PVC

TECHNICAL DATA SHEET

General Properties	Method	Unit	Typical Value	Results	
Thickness	ASTM D1599	Mil	7 ± 0.5	7.5	
Physical Properties	**Method**	**Unit**	**Typical Value**	**Results**	
Tensile Strength at break	ASTM D751	lbs	≥ 130	MD 180	TD 170
Tear Strength	ASTM D751	lbs	≥ 5	MD 17	TD 15
Elongation	ASTM D751	%	≥ 5	MD 24	TD 21
Dimensional Stability	ASTM D1204 (60 min at 100°C)	%	≤ 3.0	1.5	
Resistance to Impact at Low Temperature	ASTM D2136	*C	-30	Pass	
Durability	**Method**	**Unit**	**Typical Value**	**Results**	
Flame Resistance (BR)	FMVSS	mm/min		Pass	
UV Exposure	ASTM G155	hrs	≥1000	ΔE≤0.2, Pass	

14 MIL SEMI-RIGID PVC

TECHNICAL DATA SHEET

General Properties	Method	Unit	Typical Value	Results	
Thickness	ASTM D1599	Mil	14 ± 0.5	14	
Physical Properties	**Method**	**Unit**	**Typical Value**	**Results**	
Tensile Strength at break	ASTM D751	lbs	≥ 130	MD 210	TD 190
Tear Strength	ASTM D751	lbs	≥ 5	MD 24.5	TD 24
Elongation	ASTM D751	%	≥ 5	MD 70	TD 72
Dimensional Stability	ASTM D1204 (60 min at 100°C)	%	< 3.0	2.5	
Resistance to impact at Low Temperature	ASTM D2136	°C	-30	Pass	
Durability	**Method**	**Unit**	**Typical Value**	**Results**	
Flame Resistance (BR)	FMVSS	mm/min		Pass	
UV Exposure	ASTM G155	hrs	≥ 1000	ΔEs0.2, Pass	

JOIST AND WINDOW TAPE

DATA SHEET

Size: 3”x75’

Product Description:

Pixiu Solution’s Joist and Window Tape provides a superior and efficient joist protection solution that incorporates embedded reinforcement, containing no asphalt or asphalt derived materials. Our Joist and Window Tape is VOC Free.

Membrane:

Provides excellent long-term performance and unmatched physical properties via a proprietary reinforced polypropylene membrane. The embedded reinforcement provides the inherent strength & physical properties to ensure long term performance.

Adhesive:

Our Adhesive provides excellent bond strength to numerous construction surfaces, including wood, metal, concrete. The product does not leave residue upon removal, and requires pressure for initial adherence.

Features:

- Meets and exceeds major industry standards
- Non-porous adhesive allows for a variety of applicable substrates
- Unparalleled quality control—Spectral analysis is completed on every run to ensure product integrity



Material Thickness	ASTM D1970	10mil
Tensile Strength	ASTM D3749	110 lbs/in
Breaking Strength (MD)	ASTM D3578	68 lbs
Dimensional Stability	ASTM D1204	0 shrink
Water Absorption	7 days@23C	1.2%
Pliability	ASTM D146	Pass
Peel Adhesion	ASTM D903	22N
UV Aging	ASTM G155	Pass
Elevated Temperature	AAMA 7Days	Pass
Thermal Cycling	AAMA 10cyl	Pass
Cold Pliability	-18C	Pass
Nail Sealability	AAMA	Pass
Adhesion after H2O	AAMA	Pass
Peel Resistance	AAMA	Pass



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.



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