



EXTERIOR BUILDING FILMS

PRODUCT CATALOG

2026

For Professional Installers of Pixiu 60MIL
Weld-In-Place PVC Pool Membrane

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.

PVC COATED METAL PRODUCTS

Designed for use in exterior building applications requiring a durable, flexible, and weather-resistant flashing material. Combines the strength of galvanized steel with a durable PVC surface, providing excellent formability, corrosion resistance, and long-term performance for exterior building applications, i.e., building transitions, penetrations, edges, corners, and other areas requiring reinforced protection.



KEY FEATURES



DURABLE CONSTRUCTION

22-gauge galvanized steel provides a strong, formable metal core.



PVC SURFACE

23-mil PVC coating provides a durable, protective exterior surface.



CORROSION PROTECTION

Galvanized steel and protective coatings help resist environmental exposure.



FABRICATION READY

Sheet and coil formats can be formed into project-specific components.

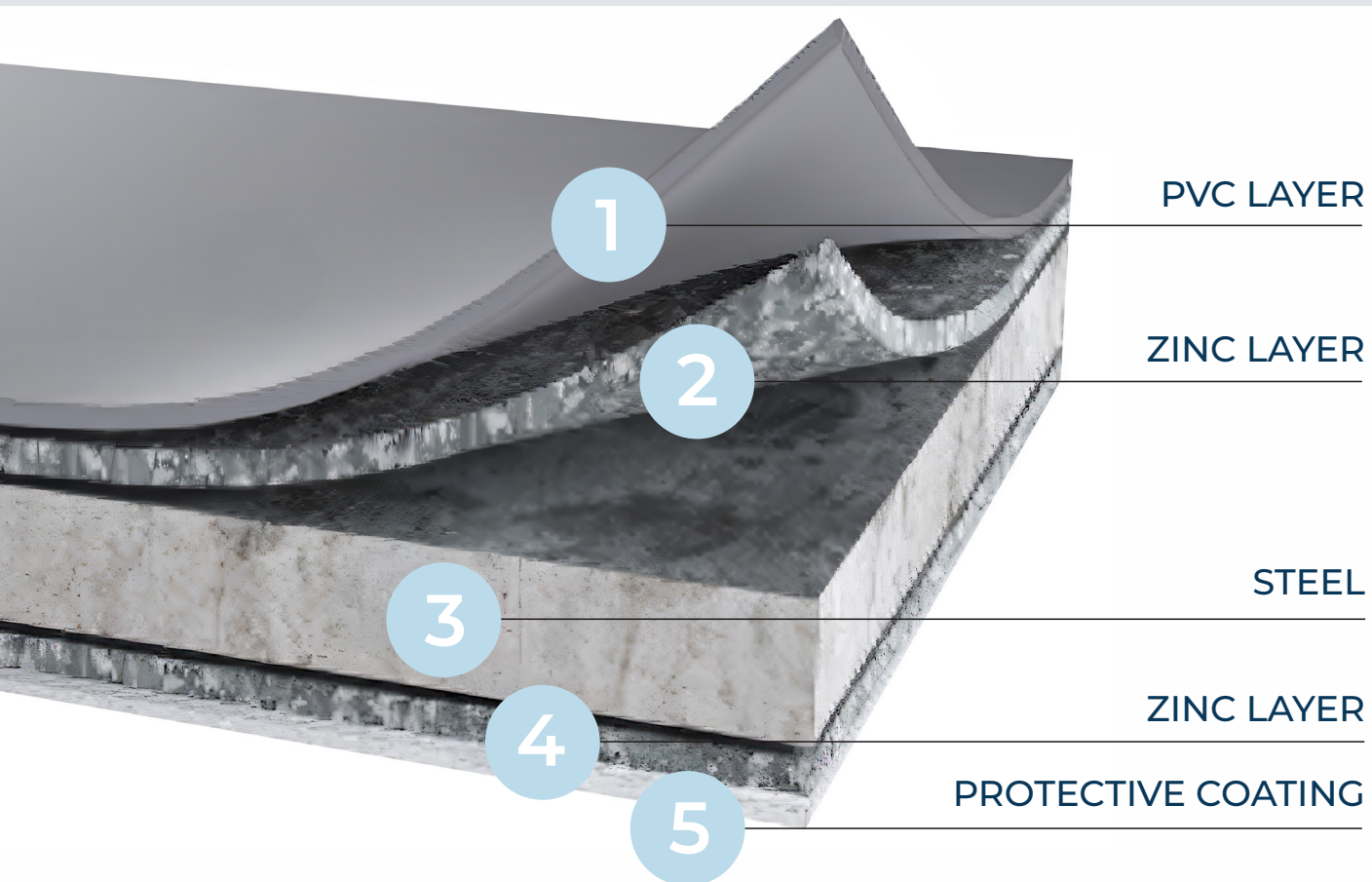
10-Year Limited Warranty. Conditions Apply.

PVC COATED METAL FLASHING

Pixiu Solutions durable, formable sheet material constructed from 22-gauge galvanized steel with a 23-mil PVC surface coating. The multi-layer construction combines the strength of galvanized steel with a protective, corrosion-resistant PVC surface. The underside is finished with a protective grey lacquer for added durability.



High-durability exterior vinyl foil and lamination materials are designed to protect and face windows, doors, and building components against severe outdoor weathering.



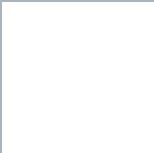
Available in L-Metal Sheet and LS-Coil Formats.

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PVC COATED L- METAL SHEETS



Sheet:	DX51D
Type:	Galvanized 0.55 mm steel sheet, bottom side coated with grey lacquer
PVC membrane on face side:	PVC-P, 0.6 mm; stabilized against weather influences and UV Radiation
Standard coil dimensions:	1000 x 2000 mm
Packing:	50 sheets / pallet
Weight (1 sheet):	Approx. 10.5 kg
Fire resistance:	EN 13501-1, class E
Fire resistance:	EN 13501-5, classification BROOF (t3)
Colours:	White RAL 9010, Black RAL 9011, Copper Brown RAL 8004, Light Grey RAL 7040



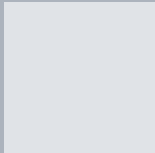
White
RAL 9010



Black
RAL 9011



Copper
Brown
RAL 8004

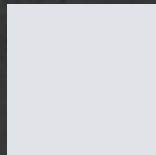


Light Grey
RAL 7040

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PVC COATED LS- COILS

Sheet:	DX51D + Z 275
Type:	Galvanized steel sheet, 0.55 mm, bottom side coated with grey lacquer
PVC membrane on face side:	PVC-P, 0.6 mm; stabilized against weather influences and UV Radiation
Standard coil dimensions	1000 x 30000 mm
Packing:	4 coils / pallet
Coil weight:	Approx. 170 kg
Minimum ordering quantity:	1 coil
Colours:	Light Grey RAL 7040



Light Grey
RAL 7040



7MIL SEMI-RIGID PVC FILM

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	



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.

