



HIGH GLOSS POLYESTER WITH A SPARKLE

PolyPREMIER coatings, by Sherwin-Williams Coil Coatings, are field-proven, multi-purpose polyester finishes designed for a variety of applications. After years of Research and Development, we are expanding our polyester offering to include our new high gloss metallic and mica effect coating. This coating is available in multiple sized metallic flakes that allow for customization to achieve the desired color and effect. This innovative use of materials provides tremendous flow characteristics that enable a smooth finish on-line. Our PolyPREMIER Mica/Metallic coatings may be applied as a single-coat finish or used with a Sherwin-Williams Coil Coatings recommended corrosion-resistant primer to meet stringent roll-forming and corrosion demands. Ensure your project will perform and impress for years to come with the most trusted name in coil coatings.

BENEFITS

- Exceptional resistance to sun, rain and other natural elements
- Superior scratch resistance
- Exceptional dirt and stain resistance
- Excellent overall adhesion
- Great flexibility and formability

COLOR

Available in a variety of colors and effects.

SUBSTRATES

May be applied to pretreated aluminum and hot-dip galvanized (HDG - G60/G90) steel.

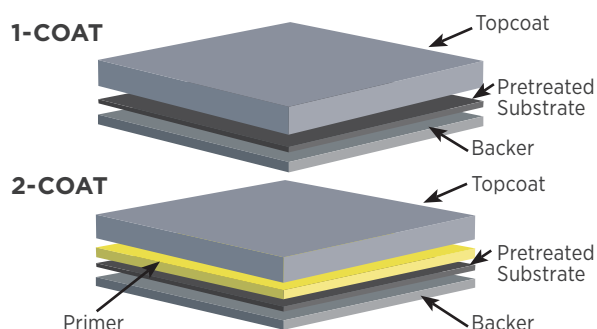
END USES

PolyPREMIER Metallic/Mica coatings are available in multiple formulations depending on application and requirements, applications include:

- RV and motor homes
- Cargo trailers
- Acoustical interior panels
- Window cladding and components
- Screen frames and muntin bars
- Rain carrying equipment
- Sign blank stock
- Enclosures

COMMITMENT TO QUALITY

Our coatings are trusted and field-proven through rigorous testing, providing key benefits to our customers.



POLYESTER COIL COATING SYSTEM

Number of Coats	Dry Film Thickness (DFT)		Total Topside DFT:	*Backer
	Color Coat	*Primer		
1-Coat	0.55-0.80 mils	-	0.55-0.80 mils	0.10-0.40 mils
2-Coat	0.55-0.80 mils	0.10-0.30 mils	0.65-1.10 mils	0.10-0.40 mils

*Primer required with Galvalume

*A backer is dependent on the application and gloss level.

POLYPREMIER PERFORMANCE TESTING

Industry Specifications Compliance	AAMA 2603-17A Requirements	Voluntary Specification, Performance Requirements and Test Procedures for High-Performing Organic Coatings on Aluminum Extrusions and Panels
Substrates	Pretreated aluminum and hot-dipped galvanized (HDG - G60/G90) steel.	

PHYSICAL TESTING	ASTM ² TEST METHOD	AAMA ¹ 2603-17A REQUIRED TEST RESULT
Film Adhesion (Dry, Wet, Boiling Water)	ASTM D3359	No removal of film under tape in the cross-hatched area.
Impact Resistance (direct)	ASTM D2794	Aluminum: 1.5 metal thickness inch-pound, no loss of adhesion Steel: 3x metal thickness inch-pound, no loss of adhesion
Pencil Hardness	ASTM D3363	F-2H
Specular Gloss 60°	ASTM D523	15-85+, +/-5 units of manufacturer's specification
T-Bend	ASTM D4145 ³	0T - 2T depending on resin system, with no loss of adhesion

MAKE AN INFORMED DECISION

There are many things to consider as we guide you through the process of specifying a customized PolyPREMIER Metallic/Mica solution for your next project. Below is a summary of questions we may ask as we begin the process of developing your coating:

What is the end use application or part?

What is the substrate?

What are the key finish performance requirements?

Together, we can define the best solution to bring your vision to life.

¹American Architectural Manufacturers Association. ²American Society for Testing and Materials. ³PolyPREMIER is not designed to bridge cracks in the substrate. PolyPREMIER coatings will generally meet the requirements for most post-painted fabrication processes. However, variations in metal quality, thickness or cleaning/pretreatment applications can lead to diminished flexibility.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at coil.sherwin.com. Galvalume® is a registered trademark of BIEC International, Inc. PolyPREMIER is a trademark of Sherwin-Williams.

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Coil Coatings

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