



# OPTIMAL REFLECTIVITY IN ANY LIGHT

Sherwin-Williams Coil Coatings PolyPREMIER OEM Lighting Fixture White (LFW) coatings platform allows for highly flexible formulations that can be applied at multiple dry film thickness ranges to target the reflectivity requirements of your fluorescent and L.E.D. lighting fixtures. You can achieve an extremely high DFT for maximum reflectivity due to our split coat process. With excellent intercoat adhesion, this coating is available in multiple glosses, textures and diffuse gloss ranges, plus black for stripe applications.

## COLORS

PolyPREMIER OEM lighting coatings are available in a crisp, white color palette in multiple gloss ranges and textures, with black available upon request.

## BENEFITS

- Designed to meet LED and fluorescent lighting requirements
- One-stop coating solution
- Excellent formability and flexibility
- Chromate-free, formulated for RoHS compliance
- Cost-effective

### ■ PolyPREMIER LFW High Reflectance

Take vibrancy to a new performance level with high gloss and high reflectance properties. The high gloss finish makes this coating system gleam.

### ■ PolyPREMIER LFW Matte ST

When a matte appearance is desired, this subtle textured appearance delivers a soft look while still maintaining high reflectance values.

### ■ PolyPREMIER LFW Crinkle

The unique texture of Crinkle redirects light for enhanced visual depth, promising a muted finish appearance.

### ■ PolyPREMIER LFW Texture

A conventional textured approach provides a durable finish, while still maintaining excellent flexibility and forming characteristics.

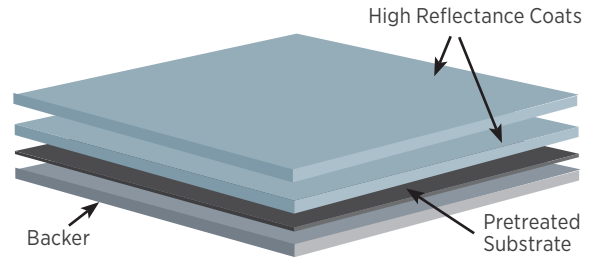
### ■ PolyPREMIER LFW Diffused Gloss

A lighting coating with all the offerings and benefits of a high reflectance application, with a low sheen cosmetic approach.



# COMMITMENT TO QUALITY

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



## POLYESTER COATING SYSTEM

	Applied at multiple DFT ranges, including split-coat applications with DFT above 0.80 mils.	
	Total Topside DFT: High Reflectance Coat	Backer
Split Coat Application	0.30-2.0 mils	0.30-0.50 mils
Substrate	Pretreated cold-rolled steel (CRS) and aluminum	

PHYSICAL TESTING	ASTM <sup>1</sup> TEST METHOD	TEST RESULT
Clean-up Solvent		MEK
Film Adhesion (Dry, Wet, Boiling Water)	ASTM D3359	No removal of film by tape in the cross-hatched area
Impact Resistance	ASTM D2794	No removal of film by tape following impact
Pencil Hardness	ASTM D3363	F Minimum
Specular Gloss at 60°	ASTM D523	Available in most ranges
T-Bend	ASTM D41452	0-1T, NTO

## MAKE AN INFORMED DECISION

There are many things to consider as we guide you through the process of specifying a customized PolyPREMIER OEM LFW 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?**
- What is the reflectance requirement?**

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

<sup>1</sup>American Society for Testing and Materials. <sup>2</sup>PolyPREMIER coating 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.

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