

OPTIMAL REFLECTIVITY IN ANY LIGHT

Sherwin-Williams Lighting Fixture White coating provides a highly flexible formula 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 intercoat adhesion. This coating is available in multiple glosses, textures and diffuse gloss ranges, plus black for stripe applications.

COLORS

Lighting Fixture coatings are available in a crisp, white color palette in multiple gloss ranges and textures, with black available option 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

■ 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.

■ LFW Matte ST

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

■ LFW Crinkle

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

■ LFW Texture

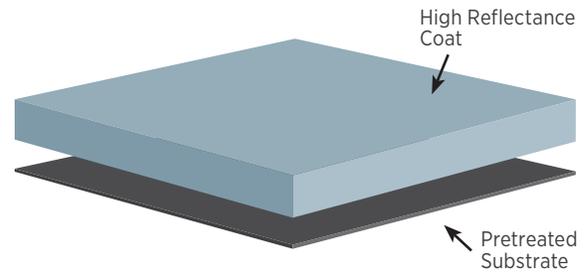
A conventional textured approach provides a durable finish while still maintaining excellent flexibility and forming characteristics.

■ 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	Total DFT:
	High Reflectance Coat	
1-Coat	0.3-2.0 mils	0.3-2.05 mils
Substrate	Pretreated cold-rolled steel (CRS) and aluminum	

PHYSICAL TESTING	ASTM ¹ 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
Flash Point	ASTM D3278	90° F
Flexibility, T-Bend	ASTM D4145 ²	0-1T, NTO
Impact Resistance	ASTM D2794	No removal of film by tape following impact
Pencil Hardness	ASTM D3363	F Minimum
Recommended Bake Temp		450° F for 25-30 seconds
Reducing Thinner		50/50 Blend Aromatic 150, Butyl Cellosolve
Solids per volume	ASTM D2697	53% to 57% as supplied
Solids per weight	ASTM D2369	69% to 73% as supplied
Specular Gloss at 60°	ASTM D523	Available in most ranges
Viscosity	ASTM D4212 #4 Zahn Cup	20-30 seconds
VOC (theoretical)	ASTM D3960	3.2 to 3.6 pounds per gallon
Weight per Gallon	ASTM D1475	11.6 to 12.0 pounds per gallon

¹American Society for Testing and Materials. ²LFW coating is not designed to bridge cracks in the substrate. LFW 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.

SHERWIN-WILLIAMS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. SHERWIN-WILLIAMS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. © 2018 Sherwin-Williams All Rights Reserved.



coil.sherwin.com or call (888) 306-2645