



CHOOSING THE RIGHT COATING IS KEY

Heavily used appliances such as refrigerators, washers and dryers need a coating system that will perform in a hectic environment. With premium resistance to scratching, abrasion and stains, PolyPREMIER Appliance coatings keep your products looking clean and new. In addition, these coatings allow for maximum manufacturing efficiency by offering superior flexibility in forming. These polyester appliance coatings, with their proprietary resin system, offer the best protection available when you need your product to last well into the future.

At Sherwin-Williams Coil Coatings we are dedicated to providing you with a total-cost solution to meet your appliance manufacturing needs and ensure product performance standards. No matter what appliance you need to protect, we have a coating in your desired effect, gloss level, and color. We also offer a variety of top coats, including fingerprint-resistant coatings, to give you the exact look you envision for your project.

BENEFITS

- Superior resistance to manufacturing wear and tear
- Stain and detergent resistance
- Excellent flexibility
- Exceptional fabrication properties
- RoHS compliance available

COLORS

PolyPREMIER Appliance coatings are available in a wide variety of colors including standard and special effect pigments.

SUBSTRATES

PolyPREMIER Appliance coatings can be applied to a number of pretreated substrates including: Cold-Rolled Steel (CRS), Hot-Dipped Galvanized (HDG) steel, and Aluminum.

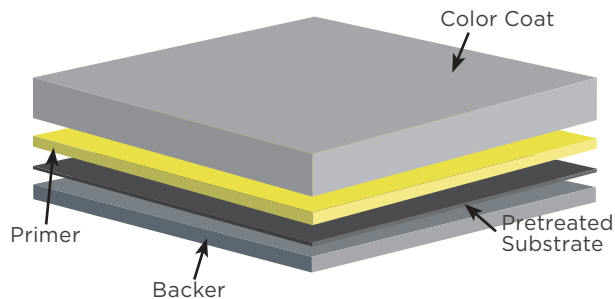
END USES

PolyPREMIER Appliance coatings are ideal for interior use on appliance applications, including:

- Refrigeration doors and case wrappers
- Washer and dryer side panels and aprons
- Range parts
- Walk-in coolers

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		
2-Coat	0.70-0.80 mils	0.20-0.30 mils	0.90-1.10 mils	0.20-0.30 mils
Substrate	Applied to pretreated cold-rolled steel (CRS), hot-dip galvanized (HDG) steel and aluminum			

PHYSICAL TESTING	ASTM TEST METHOD	ASTM REQUIRED 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
Food Stain Resistance		Excellent
Impact Resistance	ASTM D2794	No removal of film by tape following impact
Pencil Hardness	ASTM D3363	H Minimum
Specular Gloss at 60°	ASTM D523	Available in most ranges
T-Bend	ASTM D4145 ²	0-1T, 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 Appliance 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?**
- Is RoHS-compliance required?**

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

¹American Society for Testing and Materials. ²PolyPREMIER Appliance is not designed to bridge cracks in the substrate. PolyPREMIER Appliance 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. PolyPREMIER™ is a trademark of Sherwin-Williams.

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