



# CHOOSING THE RIGHT COATING IS KEY

Heavily used appliances such as refrigerators, washers and dryers need a coating that will perform in a hectic environment. With its premium resistance to scratching, abrasion and stains, ApGard keeps your products looking clean and new. This polyester appliance coating, with its proprietary resin development, offers the best protection available when you need your product to last well into the future.

At Sherwin-Williams 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, color and tint. 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-resistant formula
- Excellent flexibility
- RoHS compliance available

## COLORS

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

## SUBSTRATES

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

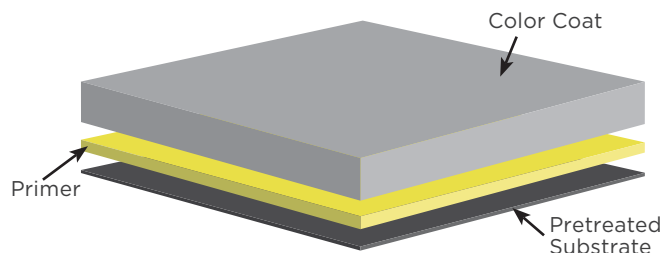
## END USES

ApGard coating is 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
- Water heaters

# 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 DFT:
	Primer	Color Coat	
2-Coat	0.2-0.3 mils	0.7-0.8 mils	0.9-1.1 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
Flash Point	ASTM D3278	90° F
Flexibility, T-Bend	ASTM D4145 <sup>2</sup>	0-1T, no loss of adhesion
Food Stain Resistance		Excellent
Impact Resistance	ASTM D2794	No removal of film by tape following impact
Pencil Hardness	ASTM D3363	H Minimum
Recommended Bake Temp		450° F for 25-30 seconds
Reducing Thinner		50/50 Blend Aromatic 150, Butyl Cellosolve
Solids per volume	ASTM D2697	46% to 51% as supplied
Solids per weight	ASTM D2369	54% to 70% 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	3.6 to 4.0 pounds per gallon
Weight per Gallon	ASTM D1475	8.6 to 12.1 pounds per gallon

<sup>1</sup>American Society for Testing and Materials. <sup>2</sup>ApGard is not designed to bridge cracks in the substrate. ApGard 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](http://coil.sherwin.com). ApGard® is a registered trademark of Sherwin-Williams.

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.