



## SPECIALLY FORMULATED TO PROTECT HVAC SYSTEMS

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, texture, gloss level and color. Our HVAC coating system is specially formulated to protect heating, ventilation and air conditioning applications.

### BENEFITS

HVAC coatings offer superior corrosion resistance with excellent edge protection and outstanding formability.

### COLORS

HVAC coatings are offered in a wide variety of colors, including standard colors, and multiple gloss levels and textures.

### SUBSTRATES

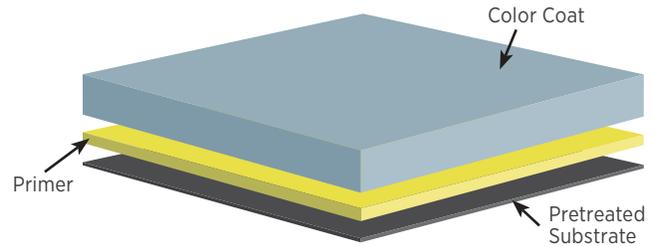
May be applied to pretreated cold-rolled steel (CRS) and hot-dip galvanized (HDG) steel.

### END USES

- Heating
- Ventilation
- Air conditioning
- Water heaters

# COMMITMENT TO QUALITY

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



## POLYESTER COATING SYSTEM

	Dry Film Thickness (DFT)		Total DFT:
	Primer	Color Coat	
2-Coat	0.2-0.45 mils	0.7-0.8 mils	0.9-1.25 mils
Substrate	Applied to pretreated cold-rolled steel (CRS), hot-dip galvanized (HDG) steel 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
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	49% to 56% as supplied
Solids per weight	ASTM D2369	58% to 71% 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	3.7 to 4.1 pounds per gallon
Weight per Gallon	ASTM D1475	9.1 to 11.6 pounds per gallon

<sup>1</sup>American Society for Testing and Materials. <sup>2</sup>HVAC coating is not designed to bridge cracks in the substrate. HVAC 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).

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