



# SPECIALLY FORMULATED TO PROTECT HVAC SYSTEMS

PolyPREMIER OEM is a line of multi-purpose polyester coatings formulated specifically for HVAC applications, including heating, ventilation and air conditioning products. This platform, brought to you by Sherwin-Williams Coil Coatings, provides a total cost solution to meet HVAC appliance manufacturing requirements. We work directly with our customers to customize each coating to meet your performance and application needs. No matter what HVAC appliance you need to protect, we have a coating in your desired effect, texture, gloss level and color. Enhance your next project with PolyPREMIER OEM solutions for your HVAC products.

## BENEFITS

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

## COLORS

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

## SUBSTRATES

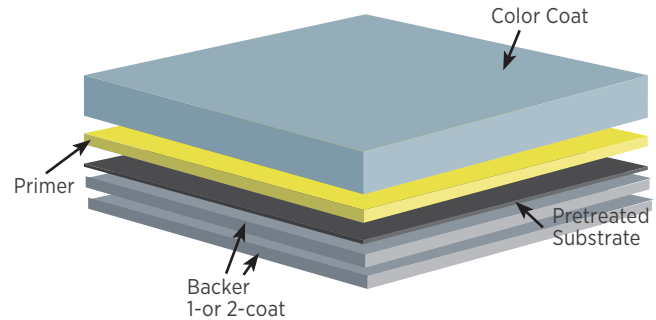
May be applied to pretreated cold-rolled steel (CRS) and hot-dip galvanized (HDG) steel.

## 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:	Backer (1-or 2-coat)
	Color Coat	Primer		
2-Coat	0.70-0.80 mils	0.20-0.45 mils	0.90-1.25 mils	0.20-0.30 mils, 0.30-0.25 mils
Substrate	Applied to pretreated cold-rolled steel (CRS) and hot-dip galvanized (HDG) steel.			

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	H Minimum
Specular Gloss at 60°	ASTM D523	Available in most ranges
T-Bend	ASTM D41452	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 OEM HVAC 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?**

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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