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.

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

BENEFITS
- Superior resistance to manufacturing wear and tear
- Stain and detergent resistance
- Exceptional flexibility
- Exceptional fabrication properties
- RoHS compliance available
COMMITMENT TO QUALITY

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

POLYESTER COIL COATING SYSTEM

<table>
<thead>
<tr>
<th>Number of Coats</th>
<th>Dry Film Thickness (DFT)</th>
<th>Total Topside DFT:</th>
<th>Backer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Color Coat</td>
<td>Primer</td>
<td>Backer</td>
</tr>
<tr>
<td>2-Coat</td>
<td>0.70-0.80 mils</td>
<td>0.20–0.30 mils</td>
<td>0.90-1.10 mils</td>
</tr>
</tbody>
</table>

Substrate: Applied to pretreated cold-rolled steel (CRS), hot-dip galvanized (HDG) steel and aluminum.

PHYSICAL TESTING

<table>
<thead>
<tr>
<th>Physical Testing</th>
<th>ASTM TEST METHOD</th>
<th>ASTM REQUIRED TEST RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean-up Solvent</td>
<td>MEK</td>
<td></td>
</tr>
<tr>
<td>Film Adhesion (Dry, Wet, Boiling Water)</td>
<td>ASTM D3359</td>
<td>No removal of film by tape in the cross-hatched area</td>
</tr>
<tr>
<td>Food Stain Resistance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>ASTM D2794</td>
<td>No removal of film by tape following impact</td>
</tr>
<tr>
<td>Pencil Hardness</td>
<td>ASTM D3363</td>
<td>H Minimum</td>
</tr>
<tr>
<td>Specular Gloss at 60°</td>
<td>ASTM D523</td>
<td>Available in most ranges</td>
</tr>
<tr>
<td>T-Bend</td>
<td>ASTM D4145&lt;sup&gt;1&lt;/sup&gt;</td>
<td>0-1T, no loss of adhesion</td>
</tr>
</tbody>
</table>

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.

<sup>1</sup>American Society for Testing and Materials. PolyPREMIER 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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