# TECHNICAL INFORMATION

## POWDURA® HYBRID POWDER COATING

### PRODUCT DESCRIPTION

**HCF8-C0008**  
Display Silver-Bonded Metallic

**POWDURA® Hybrid Powder Coatings** are recommended for a broad range of interior functional and decorative applications.

**Advantages:**
- Excellent application properties
- Very good overbake resistance
- Very good chemical resistance
- Wide range of colors and textures available

Many applications, including:
- Tools
- Hot water heaters
- Office furniture
- Shelving
- Toys
- Oil filters
- Electronic enclosures

**Storage:** Powdura® Powder Coatings should be kept in a dry and cool area at temperatures below 80°F (27°C). When not in use, store powder in sealed containers: fine powders are hygroscopic.

**Substrate Preparation:** Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface preparation treatments to ensure optimum adhesion and coating performance properties. The use of a chemical conversion coating prior to the application of a powder coating is strongly recommended.

**Testing:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full-scale application.

### APPLICATION

All testing was performed on clean panels with appropriate pretreatment. Proper pretreatment will enhance performance of this product.

**Cure Schedule:**

<table>
<thead>
<tr>
<th>Time (Min)</th>
<th>Temperature (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>400</td>
</tr>
</tbody>
</table>

**Film Thickness Range (mils):** 2.0-3.0

### ATTRIBUTES

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (g/ml)</td>
<td>1.33</td>
</tr>
<tr>
<td>Coverage at 1.0 Mil (ft²/lb)</td>
<td>145.5</td>
</tr>
<tr>
<td>60° Gloss (ASTM D-523)</td>
<td>70-85</td>
</tr>
<tr>
<td>Adhesion (ASTM D-3359)</td>
<td>5B</td>
</tr>
<tr>
<td>Flexibility (ASTM D-522)</td>
<td>Pass 1/8”</td>
</tr>
<tr>
<td>Pencil Hardness (ASTM D-3363)</td>
<td>H-2H</td>
</tr>
<tr>
<td>Impact Resistance (in.lbs) (ASTM D-2794)</td>
<td>Dir 100 in-lbs Rev 100 in-lbs</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 Months</td>
</tr>
</tbody>
</table>

Sherwin-Williams recommends that all material be used in FIFO order (first in - first out). Materials that exceed the recommended shelf life should be tested prior to use.

### CAUTIONS

Thoroughly review product SDS prior to using this product. Please consult your local sales representative or your local Sherwin-Williams facility for additional information.

Not recommended for exterior applications where color and gloss retention are required.