CorShield® Gold

PRODUCT DESCRIPTION
CorShield Gold is a brilliant true gold colored waterbased coating. It has excellent salt spray and humidity resistance similar to VpCI®-386 Aluminum and is available in one package system. CorShield Gold provides protection in harsh, outdoor, unsheltered applications. The complex mixture of non-toxic organic inhibitors and a platelet type gold pigment offers protection that can compete with zinc rich coatings. This special combination of additives, a platelet pigment, and a polymer barrier significantly retards the reaction of metal ionization and repels water. It protects against corrosive electrolytes and aggressive environments, thus preventing corrosion.

CorShield Gold provides a fast-drying thixotropic coating that is resistant to sagging forming a tough, non-flammable, protective barrier. This dry-to-touch film offers extended protection for sheltered or unsheltered, outdoor or indoor conditions. Thermally stable from -40°F to 400°F (-40°C to 204°C), the coating is ultraviolet resistant. It gives optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight.

CorShield Gold has exceptionally good anti-abrasion qualities, making it easily adaptable for steel grating walkways and decks. The gold color is ideally suited for use on motorcycles, ATVs, sporting goods, lamp fixtures, and olympic events.

FEATURES
• Brilliant gold color
• Fast-drying
• UV resistant
• Optimal outdoor performance
• Excellent corrosion resistance
• Waterbased

APPLICATIONS
CorShield Gold can be used as a single coat for most applications. For extreme exposures it can also be used as a topcoat with Cortec VpCI-374 or VpCI-395 as a primer.

Note: Make certain that the dew point is more than 5°F (2°C) less than air temperature for application and the temperature is at least 55°F (13°C) for best results in the field applications.

METALS PROTECTED
• Carbon steel
• Cast iron
• Aluminum
• Stainless steel
• Galvanized steel
• Copper
**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Gold liquid</td>
</tr>
<tr>
<td>pH</td>
<td>9.0-9.6 (Neat)</td>
</tr>
<tr>
<td>Density</td>
<td>8.4-8.9 lb/Gal.</td>
</tr>
<tr>
<td>(1.01-1.07 Kg/l)</td>
<td></td>
</tr>
<tr>
<td>Non-volatile Content</td>
<td>35 to 42%</td>
</tr>
<tr>
<td>Dry Film Thickness</td>
<td>1.5-2.5 mils</td>
</tr>
<tr>
<td></td>
<td>37.5-62.5 microns</td>
</tr>
<tr>
<td>Dry to touch time</td>
<td>30 min at 75°F (24°C)</td>
</tr>
<tr>
<td>VOC</td>
<td>1.3 lb/gal (152 g/liter)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>700-1400cps</td>
</tr>
<tr>
<td></td>
<td>(6 rpm/#3 spindle)</td>
</tr>
<tr>
<td>Coverage at 2mils (50 microns)</td>
<td>320 ft²/gal (7.9m²/l)</td>
</tr>
</tbody>
</table>

**PACKAGING AND STORAGE**

CorShield Gold is available in 5 gallon (19 liter) pails and 55 gallon (208 liter) drums, and liquid totes. Keep product from freezing. Mix before use.

**TEST DATA (VpCI-386 FR Top Coat)**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>SAE 1010 Carbon Steel</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salt Spray (ASTM B-117)</td>
<td>300-500 hours*</td>
<td>1000+hours</td>
</tr>
<tr>
<td>Humidity (ASTM D-1748)</td>
<td>1000+ hours</td>
<td>1000+hours</td>
</tr>
</tbody>
</table>

*1.5 to 2.0 mils (37.5 to 50 microns)

**FOR INDUSTRIAL USE ONLY**

KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

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