AST Finishing Systems
high performance corrosion protection

• UV Stable
• High Impact Resistance
• Superior Corrosion Protection
• Excellent Durability & Chemical Resistance
Stanwade utilizes high-performance Dual-Cure™ primers and topcoats from Baril Coatings USA. The Dual-Cure™ materials utilized by Stanwade incorporate patented steel coating technology that has been proven across the world to offer industry leading protection in the harshest of environments.

Dual-Cure™ chemistry unites rapid cross-link chemical cure with atmospheric humidity to generate significant integral strength within the cured coating film without sacrificing flexibility. This unique dual reaction is manifested through a highly functional coating system that provides industry leading resistance against corrosion, weathering and impact.

**Corrosion Protection**

Stanwade tanks utilize a protective coating system that incorporates a stripe coat of Dual-Cure 306 Zinc-Rich primer on all welds and other corrosion points. These areas, along with the remainder of the tank, are top-coated to provide maximum weathering performance.

**Coating Products**

Dual-Cure 306 Zinc-Rich primer yields 87% zinc in the final film, providing Stanwade tanks with industry-leading corrosion protection.

**MOISTURE CURING:**
- Lasting flexibility
- Superior adhesion
- Mechanical strength

**Chemical Curing:**
- High chemical resistance
- Excellent weathering

**DualCure™ System Testing Results**

<table>
<thead>
<tr>
<th>Test Type</th>
<th>ASTM Standard</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>UV Resistance</td>
<td>ASTM D G154</td>
<td>4000 Hrs. &gt; 80%</td>
</tr>
<tr>
<td>Florida Black Box</td>
<td>ASTM D4141 5°</td>
<td>48 months &gt; 80%</td>
</tr>
<tr>
<td>Cyclic Weathering Test</td>
<td>ASTM D5894</td>
<td>6-336 hour cycle, No rusting, No Undercoating, No Blistering</td>
</tr>
<tr>
<td>Corrosion Resistance</td>
<td>ASTM D2794</td>
<td>Pass 185 lbs</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>ASTM D2794</td>
<td>Pass 160 lbs</td>
</tr>
<tr>
<td>Abrasion Resistance</td>
<td>ASTM D4060</td>
<td>10,000 pass, 52mg</td>
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<tr>
<td>Adhesion Pull Off</td>
<td>ASTM D2451</td>
<td>2541 PSI</td>
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</tbody>
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