Galvalume® or Galvanized Substrates: Which Protects Steel Panels Best?

Zinc as the sole anti-corrosion substrate on steel panels is good. But decades of research and real-world application proves that teaming zinc with aluminum in the patented alloy substrate Galvalume is far more effective for corrosion resistance and longer panel life.

Here are a few of the findings on why Galvalume is the superior substrate for longer-term anti-corrosion performance and value. And why Galvalume substrates are the premier performance choice for Everlast Roofing panels.

<table>
<thead>
<tr>
<th>Product Benefits:</th>
<th>Galvalume®</th>
<th>Galvanized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrosion Resistance</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Long-Term Cut Edge Protection</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Heat Reflectivity (Lower Energy Costs)</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Galvalume®: Longer Life (Years To First Red Rust)
Calculated Coating Life in Years
Based on 35-year test results of SKYWARD exposure.

<table>
<thead>
<tr>
<th></th>
<th>Galvalume®</th>
<th>Galvanized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rural</td>
<td>35+</td>
<td>14</td>
</tr>
<tr>
<td>Industrial</td>
<td>35+</td>
<td>10</td>
</tr>
<tr>
<td>Moderate Marine</td>
<td>35</td>
<td>15</td>
</tr>
<tr>
<td>Severe Marine</td>
<td>15</td>
<td>4</td>
</tr>
</tbody>
</table>

Source: Bethlehem Steel Flat Coupons Exposures of equal coating thinkness.

Galvalume®: Superior Corrosion Resistance
Corrosion resistance Rural

Corrosion resistance Industrial

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