Pro-Finish 500 Color Guide

Pro-Finish 500 Cool Primary Selection

Regal White
TSR: 70 • E: 0.86 • SRI: 85
Sierra Tan
TSR: 50 • E: 0.86 • SRI: 57
Sandstone
TSR: 63 • E: 0.84 • SRI: 74
Terra Cotta
TSR: 40 • E: 0.84 • SRI: 43
Mansard Brown
TSR: 27 • E: 0.89 • SRI: 28
Medium Bronze
TSR: 29 • E: 0.82 • SRI: 27
Dark Bronze
TSR: 25 • E: 0.86 • SRI: 23
L.O. Colonial Red
TSR: 28 • E: 0.89 • SRI: 29
Patina Green
TSR: 39 • E: 0.83 • SRI: 41
Hartford Green
TSR: 31 • E: 0.83 • SRI: 30
Evergreen
TSR: 32 • E: 0.84 • SRI: 32
Charcoal Grey
TSR: 29 • E: 0.84 • SRI: 28
Slate Grey
TSR: 36 • E: 0.82 • SRI: 37
Ash Grey
TSR: 53 • E: 0.85 • SRI: 61
Regal Blue
TSR: 30 • E: 0.80 • SRI: 29
Slate Blue
TSR: 36 • E: 0.86 • SRI: 30
Brite Red
TSR: 38 • E: 0.84 • SRI: 40

Pro-Finish 500 Mica Metallic Selection

Champagne Metallic
TSR: 43 • E: 0.78 • SRI: 44
Silver Metallic
TSR: 55 • E: 0.71 • SRI: 69
Pre Weathered Galvalume
TSR: 34 • E: 0.75 • SRI: 31
Copper Metallic
TSR: 45 • E: 0.87 • SRI: 51

Also Available:
- Zincalume Plus® (acrylic coated Galvalume®)

Custom Colors and Small Quantities:
- Available in quantities to a minimum of 1000 lineal feet

Notes:
1. Energy Star qualified products sleep at night.
2. Standard mica metallic colors with a modest premium.
3. Additional lead-time and cost may apply.
4. LEED qualified products

Oil Canning:
All flat metal surfaces can display waviness or “oil canning” due to standard mill tolerances. Inherent variations in the substrate surface may affect appearances.

Manufacturers limited paint warranty available at time of purchase.
Galvalume® is a registered trademark of BIEC International Inc.
Zincalume® is a registered trademark of BlueScope Ltd.

www.Rollfabmetal.com
### Performance Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specular Gloss at 60° ASTM D 523</td>
<td>3 – 45°</td>
</tr>
<tr>
<td>Pencil Hardness ASTM D 3363</td>
<td>F – 2H</td>
</tr>
<tr>
<td>T-Bend ASTM D 4145</td>
<td>0T to 3T with no loss of adhesion</td>
</tr>
<tr>
<td>Cross Hatch Adhesion ASTM D 3359</td>
<td>No loss of adhesion</td>
</tr>
<tr>
<td>Reverse Impact ASTM D 2794 60 in-pounds</td>
<td>Passes. No pick off with Scotch #610 tape</td>
</tr>
<tr>
<td>Humidity Resistance ASTM 2247 1000 hrs @ 100°F and 100% Humidity</td>
<td>Passes. Less than 5% No. 8 size blisters</td>
</tr>
<tr>
<td>Salt Spray Resistance ASTM B 117 1,000 Hours 5% Salt</td>
<td>Passes. Less than 5% No. 6 size blisters and less than 1/8” creep or tape off from scribe, per ASTM D-1654</td>
</tr>
<tr>
<td>South Florida Exposure ASTM D 2244, Weathering, color retention ASTM D 4214, Weathering, chalk resistance</td>
<td>Passes. 45 degrees So. Fla. No objectionable, color change or blistering Passes. 45 degrees So. Fla. No objectionable gloss loss or chalking</td>
</tr>
<tr>
<td>Flame Test ASTM E 84</td>
<td>Class A coating</td>
</tr>
<tr>
<td>Water Immersion 500° hours 100 F ASTM D 870</td>
<td>No loss of adhesion</td>
</tr>
<tr>
<td>Dew Cycle Weatherometer 1000 hours ASTM D 3361</td>
<td>Color change: No more than 5 Δ Hunter units</td>
</tr>
<tr>
<td>Abrasion Resistance ASTM D 968, Method A</td>
<td>Chalk: Rating no less than 8</td>
</tr>
<tr>
<td>Application Method</td>
<td>Reverse roll coat</td>
</tr>
<tr>
<td>Substrate 1</td>
<td>Aluminum, HDG or Galvalume</td>
</tr>
<tr>
<td>Clean-Up Solvent</td>
<td>Aromatic Ketone blend</td>
</tr>
<tr>
<td>Peak Metal Temperature</td>
<td>460° to 490°F</td>
</tr>
<tr>
<td>Contains Lubricant</td>
<td>Yes</td>
</tr>
<tr>
<td>MEK Double Rubs ASTM D 5402</td>
<td>100 Plus</td>
</tr>
<tr>
<td>Color Side of Panel Dry Film Thickness ASTM D 1005</td>
<td>Primer: 0.20-0.30 mil Top coat: 0.70-0.80 mil Total system: 0.90-1.1 mil</td>
</tr>
<tr>
<td>Reverse Side of Panel Dry Film Thickness ASTM D 1005</td>
<td>Primer: 0.20-0.30 mil Top coat: 0.30-0.40 mil Total System: 0.50-0.70</td>
</tr>
<tr>
<td>Resin System</td>
<td>Fluoropolymer system comprised of 70% PVDF resins</td>
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</tbody>
</table>

### Description:

Cool Pro-Finish 500 is a premium fluoropolymer coating system containing 70% PVDF proprietary resins. Cool Pro-Finish 500 is a field-proven, high performance exterior finish. It provides outstanding resistance to ultraviolet rays, exceptional color retention and resistance to chalking and chemical degradation.

### Notes:

1. All substrates must be properly pretreated.
3. Cool Pro-Finish 500 is not designed to bridge cracks in the substrate.
4. Varies by color.
5. Cool Pro-Finish 500 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.