

# RMP

## Pro-Finish 500 Color Guide

# ROLLFAB

M E T A L P R O D U C T S

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## Performance Specifications

<b>Specular Gloss at 60° ASTM D 523</b>	3 – 45° Gardner 60° meter or equivalent
<b>Pencil Hardness ASTM D 3363</b>	F – 2H No break in the film
<b>T-Bend ASTM D 4145</b>	0T to 3T with no loss of adhesion 0T+ for aluminum 1T+ for steel
<b>Cross Hatch Adhesion ASTM D 3359</b>	No loss of adhesion
<b>Reverse Impact ASTM D 2794 60 in-pounds</b>	Passes. No pick off with Scotch #610 tape
<b>Humidity Resistance ASTM 2247 1000 hrs @ 100°F and 100% Humidity</b>	Passes. Less than 5% No. 8 size blisters
<b>Salt Spray Resistance ASTM B 117 1,000 Hours 5% Salt</b>	Passes. Less than 5% No. 6 size blisters and less than 1/8" creep or tape off from scribe, per ASTM D-1654
<b>South Florida Exposure ASTM D 2244, Weathering, color retention ASTM D 4214, Weathering, chalk resistance</b>	Passes. 45 degrees So. Fla. No objectionable, color change or blistering Passes. 45 degrees So. Fla. No objectionable gloss loss or chalking
<b>Flame Test ASTM E 84</b>	Class A coating
<b>Water Immersion 500° hours 100 F ASTM D 870</b>	No loss of adhesion
<b>Dew Cycle Weatherometer 1000 hours ASTM D 3361</b>	Color change: No more than 5Δ Hunter units Chalk: Rating no less than 8
<b>Abrasion Resistance ASTM D 968, Method A</b>	65 ± 10 liters
<b>Application Method</b>	Reverse roll coat
<b>Substrate<sup>1</sup></b>	Aluminum, HDG or Galvalume®
<b>Clean-Up Solvent</b>	Aromatic Ketone blend
<b>Peak Metal Temperature</b>	460° to 490°F
<b>Contains Lubricant</b>	Yes
<b>MEK Double Rubs ASTM D 5402</b>	100 Plus
<b>Color Side of Panel Dry Film Thickness ASTM D 1005</b>	Primer: 0.20-0.30 mil Top coat: 0.70-0.80 mil Total system: 0.90-1.1 mil
<b>Reverse Side of Panel Dry Film Thickness ASTM D 1005</b>	Primer: 0.20-0.30 mil Top coat: 0.30-0.40 mil Total System: 0.50-0.70
<b>Resin System</b>	Fluoropolymer system comprised of 70% PVDF resins

### 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.  
2 American Society for Testing and Materials.  
3 Pro-Finish 500 is not designed to bridge cracks in the substrate.  
4 Varies by color.  
5 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.*