

## PVDF (Kynar 500) Paint System

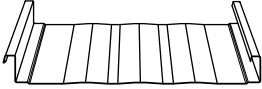
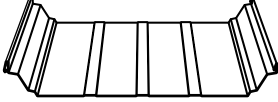
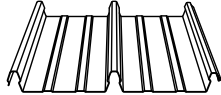
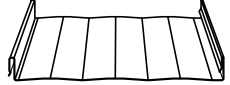
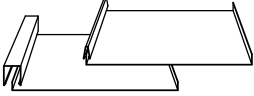

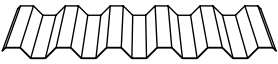
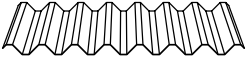
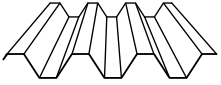


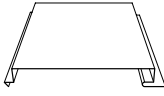
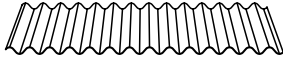
			
<b>Snowdrift White (W81)<sup>1</sup></b> Low Gloss ☆ SR = 0.65   TE = 0.85   SRI = 78	<b>Old Town Grey (W25)<sup>1</sup></b> Low Gloss ☆ SR = 0.26   TE = 0.86   SRI = 25	<b>Old Zinc Grey (W29)<sup>1</sup></b> Low Gloss ☆ SR = 0.42   TE = 0.85   SRI = 46	<b>Slate Grey (W38)<sup>1</sup></b> Low Gloss ☆ SR = 0.30   TE = 0.85   SRI = 30
			
<b>Patriot Red (73)<sup>1</sup></b> ☆ SR = 0.42   TE = 0.85   SRI = 45	<b>Colonial Red (W75)</b> Low Gloss ☆ SR = 0.35   TE = 0.86   SRI = 37	<b>Tahoe Blue (W71)<sup>1</sup></b> Low Gloss ☆ SR = 0.30   TE = 0.86   SRI = 30	<b>Regal Blue (W35)</b> Low Gloss SR = 0.12   TE = 0.86   SRI = 7
			
<b>Marine Green (W65)<sup>1</sup></b> Low Gloss ☆ SR = 0.35   TE = 0.85   SRI = 36	<b>Patina Green (W58)<sup>1</sup></b> Low Gloss ☆ SR = 0.46   TE = 0.85   SRI = 51	<b>Jade Green (W59)<sup>1</sup></b> Low Gloss ☆ SR = 0.31   TE = 0.86   SRI = 31	<b>Hemlock Green (M7)<sup>1</sup></b> Low Gloss ☆ SR = 0.36   TE = 0.85   SRI = 38
			
<b>Classic Green (66)<sup>1</sup></b> ☆ SR = 0.32   TE = 0.86   SRI = 33	<b>Felt Green (W66)<sup>1</sup></b> Low Gloss ☆ SR = 0.31   TE = 0.84   SRI = 31	<b>Parchment (W74)<sup>1</sup></b> Low Gloss ☆ SR = 0.41   TE = 0.86   SRI = 45	<b>Weathered Copper (W50)<sup>1</sup></b> ☆ SR = 0.32   TE = 0.84   SRI = 32
			
<b>Metallic Silver (K7)<sup>1,3</sup></b> ☆ SR = 0.60   TE = 0.77   SRI = 68	<b>Copper Penny (W92)<sup>1,3</sup></b> ☆ SR = 0.45   TE = 0.85   SRI = 50	<b>Terra Cotta (W72)<sup>1</sup></b> Low Gloss ☆ SR = 0.39   TE = 0.85   SRI = 42	<b>Midnight Bronze (W62)</b> Low Gloss SR = 0.08   TE = 0.86   SRI = 2
			
<b>Sandstone (W51)<sup>1</sup></b> ☆ SR = 0.54   TE = 0.86   SRI = 63	<b>Antique Patina (M1)<sup>1,3</sup></b> ☆ SR = 0.38   TE = 0.85   SRI = 40	<b>Mistique Plus (W31)<sup>1,3</sup></b> ☆ SR = 0.34   TE = 0.82   SRI = 34	<b>Metal Sales AZP (C66)<sup>1,2</sup></b> ☆ SR = 0.29   TE = 0.84   SRI = 28



- ☆<sup>1</sup> Meets or Exceeds Steep Slope Energy Star Requirements
- <sup>2</sup> Additional lead time and cost may apply
- <sup>3</sup> Painted Metallic Finish

SR = Solar Reflectance  
TE = Thermal Emittance  
SRI = Solar Reflectance Index

## COMMON 24 GAUGE PANEL PROFILES (COVERAGE)

<b>Magna-Loc / Magna-Loc 180</b> (16" & 18") 	<b>Snap-Loc 24</b> (24") 	<b>Clip-Loc</b> (16") 	<b>Vertical Seam</b> (12", 16" & 18") 
<b>Maxi/Mini-Batten Panels</b> (12", 16", & 18") 	<b>PBR-Panel</b> (36") 	<b>IC72-Panel</b> (36") 	<b>V-Line 32</b> (32") 
<b>Industrial Rib/Deep Rib Series*</b> (varies per profile) 	<b>Exposed Fastener Series*</b> (varies per profile) 	<b>Verti-Line Series*</b> (varies per profile) 	<b>Flush Face Series*</b> (varies per profile) 
<b>7/8" Corrugated</b> (varies) 	<p><i>Panels are available in other gauges also. Please inquire. Not all colors and gauges are stocked at all branches. Color samples are close representations but are limited by processing and viewing conditions. Actual samples are available by request. For all specific warranty, application, installation and technical information regarding these products, contact your sales representative.</i></p> <p><i>*Multiple panel profiles are available in this series.</i></p>		

## PVDF (KYNAR 500) PAINT SYSTEM

PVDF (Kynar 500) paint system combines ceramic pigmentation with polyvinylidene fluoride for a superior, long-lasting performance. The PVDF system is respected for its durability, resistance to chalking and fading, chemical resistance, and color retention. The PVDF system meets both Kynar 500 and Hylar 5000 specifications. Contains 70% Kynar 500 resins.

All measurements are in accordance with ASTM D 1005.

### Color side of panel:

Primer shall have a dry film thickness of 0.20 - 0.30 mil.  
 Top coat shall have a dry film thickness of 0.70 - 0.80 mil.  
 Total dry film thickness shall be 0.90 - 1.10 mil.

### Reverse side of panel:

Primer shall have a dry film thickness of 0.20 - 0.30 mil.  
 Top coat shall have a dry film thickness of 0.30 - 0.40 mil.  
 Total dry film thickness 0.50 - 0.70 mil.

## PVDF (KYNAR 500) PAINT PERFORMANCE

### Salt Spray Resistance

ASTM B 117	1,000 Hours	Creep from scribe no more than 1/16" (2mm), no blisters
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### Reverse Impact

ASTM D 2794	80 in-lbs	No visible paint removal with cellophane tape
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### Humidity Resistance

ASTM D 2247	2,000 Hours	No field blisters
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### Water Immersion

ASTM D 870		No loss of adhesion (100°F)
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### Abrasion Resistance

ASTM D 968	Method A	65 ± 10 liters
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### Cross Hatch Adhesion

ASTM D 3359		No loss of adhesion
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### Chalk Resistance

ASTM D 4214	5,000 Hours	No chalking greater #8 rating
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### Color Change

ASTM D 2244		No more than 5 hunter units
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### T-Bend (Bend Adhesion)

ASTM D 4145	0T to 3T	No loss of adhesion
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### Flame Spread Rate

ASTM E 84		Class A coating
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*When installed properly, this product will help reduce energy costs. Actual savings will vary based on geographic location and individual building characteristics.*

9/09 1002

**metal sales**  
manufacturing corporation



Kent, WA: 800.431.3470  
 Fontana, CA: 800.782.7953  
 Spokane, WA: 800.572.6565  
 Woodland, CA: 800.759.6019  
 Anchorage, AK: 866.640.7663

