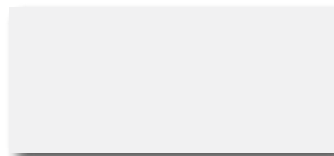


## PVDF Paint System



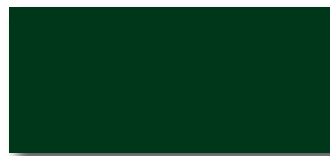
**Linen White (81)<sup>1</sup>**

SR = 0.73 TE = 0.86 SRI = 89



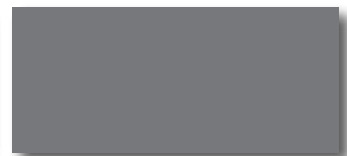
**Khaki (88)**

SR = 0.35 TE = 0.87 SRI = 37



**Classic Green (66)**

SR = 0.32 TE = 0.86 SRI = 33



**Zinc Grey (29)**

SR = 0.41 TE = 0.86 SRI = 45



**Burnished Slate (49)**

SR = 0.30 TE = 0.85 SRI = 30



**Ocean Blue (35)**

SR = 0.29 TE = 0.86 SRI = 29



**Patriot Red (73)**

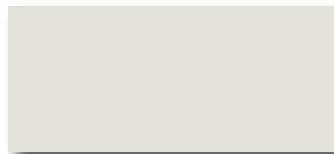
SR = 0.46 TE = 0.86 SRI = 52



**Acrylic Coated Galvalume® (41)<sup>2</sup>**

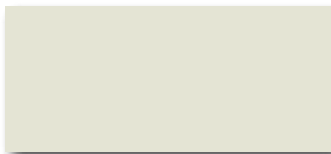
SR = 0.67 TE = 0.14 SRI = 56

## MS Colorfast45® Paint System



**Polar White (80)**

SR = 0.58 TE = 0.87 SRI = 68



**White (30)**

SR = 0.57 TE = 0.88 SRI = 67



**Light Stone (63)**

SR = 0.50 TE = 0.88 SRI = 58



**Mocha Tan (22)**

SR = 0.52 TE = 0.87 SRI = 60



**Brown (12)**

SR = 0.31 TE = 0.87 SRI = 32



**Burgundy (15)**

SR = 0.25 TE = 0.87 SRI = 24



**Patriot Red (73)**

SR = 0.35 TE = 0.88 SRI = 38



**Red (24)**

SR = 0.30 TE = 0.86 SRI = 30



**Burnished Slate (49)**

SR = 0.31 TE = 0.87 SRI = 32



**Ocean Blue (35)**

SR = 0.30 TE = 0.88 SRI = 31



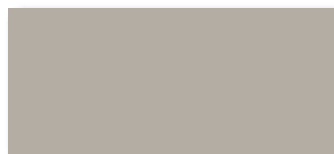
**Hawaiian Blue (70)**

SR = 0.32 TE = 0.87 SRI = 33



**Charcoal (17)**

SR = 0.30 TE = 0.87 SRI = 31



**Ash Grey (25)**

SR = 0.37 TE = 0.88 SRI = 40



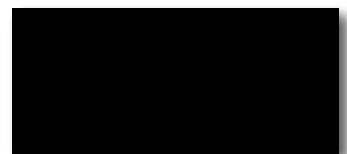
**Forest Green (26)**

SR = 0.27 TE = 0.87 SRI = 27



**Patina Green (58)**

SR = 0.29 TE = 0.86 SRI = 29



**Black (06)**

SR = 0.30 TE = 0.88 SRI = 31

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



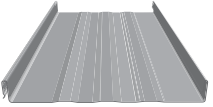
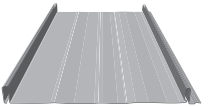



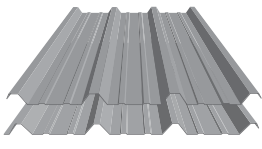
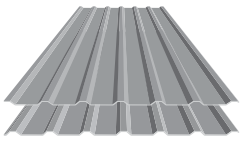
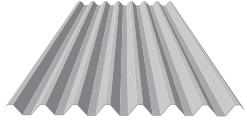
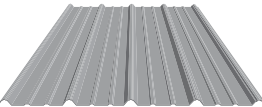
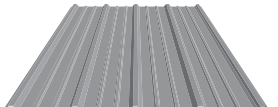

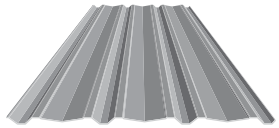
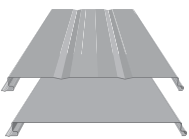
All Colors Meet or Exceed Steep Slope ENERGY STAR® Requirements

<sup>1</sup> Meets or Exceeds Low Slope ENERGY STAR® Requirements

<sup>2</sup> Non-Painted Finish

Visit [metalsales.us.com](http://metalsales.us.com) for valuable tools and resources.

## COMMON 26 GAUGE PANEL PROFILES (COVERAGE)

|  |  |   |  |
|--|--|---|--|
| <b>Vertical Seam (12", 16" &amp; 18")</b><br> | <b>Image II (12" &amp; 16")</b><br>   | <b>Maxi-Batten (12", 16" &amp; 18")</b><br> | <b>Mini-Batten (12", 16" &amp; 18")</b><br> |
| <b>5V-Crimp (24")</b><br>                     | <b>R-Panel/PBR-Panel (36")</b><br>  | <b>U-Panel/PBU-Panel (36")</b><br>          | <b>V-Line 32 (32")</b><br>                  |
| <b>Classic Rib® (36")</b><br>                 | <b>Pro-Panel II® (36")</b><br>  | <b>7/8" Corrugated (varies)</b><br>         | <b>Span-Line 36A (36")</b><br>              |
| <b>Soffit Panel (12")</b><br>                 | <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> |   |  |

## PAINT SYSTEMS

**PVDF** 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. Color side of panel: Total dry film thickness 0.90 - 1.10 mil. Reverse side of panel: Total dry film thickness 0.50 - 0.70 mil. All measurements are in accordance with ASTM D 1005.

**MS Colorfast45®** is a thermoset paint system composed of polyester resin which has been modified with silicone resin. The MS Colorfast45® system offers good protection from the elements with special consideration to chalk and fade resistance, durability, and chemical resistance.

Color side of panel: Total dry film thickness 0.90 - 1.10 mil. Reverse side of panel: Total dry film thickness 0.50 - 0.70 mil. All measurements are in accordance with ASTM D 1005.

### PVDF PAINT PERFORMANCE

#### Salt Spray Resistance

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

#### Humidity Resistance

|             |             |                   |
|-------------|-------------|-------------------|
| ASTM D 2247 | 2,000 Hours | No field blisters |
|-------------|-------------|-------------------|

#### Abrasion Resistance

|            |          |                    |
|------------|----------|--------------------|
| ASTM D 968 | Method A | 65 ± 10 liters/mil |
|------------|----------|--------------------|

#### Chalk Resistance

|             |             |                               |
|-------------|-------------|-------------------------------|
| ASTM D 4214 | 5,000 Hours | No chalking greater #8 rating |
|-------------|-------------|-------------------------------|

### MS COLORFAST45® PAINT PERFORMANCE

#### Salt Spray Resistance

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

#### Humidity Resistance

|             |             |                   |
|-------------|-------------|-------------------|
| ASTM D 2247 | 1,000 Hours | No field blisters |
|-------------|-------------|-------------------|

#### Abrasion Resistance

|            |          |                       |
|------------|----------|-----------------------|
| ASTM D 968 | Method A | 30 liters/mil minimum |
|------------|----------|-----------------------|

#### Chalk Resistance

|             |             |                               |
|-------------|-------------|-------------------------------|
| ASTM D 4214 | 2,000 Hours | No chalking greater #8 rating |
|-------------|-------------|-------------------------------|



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

7-15 1095

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manufacturing corporation

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