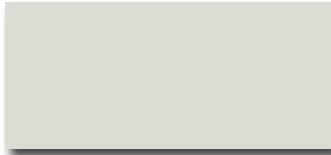
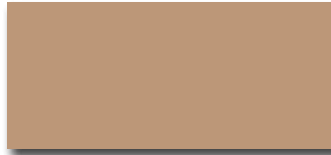


MS Colorfast45® Paint System



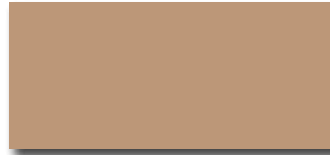
Polar White (80)

SR = 0.58	TE = 0.87	SRI = 68
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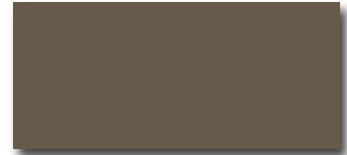
Light Stone (63)

SR = 0.50	TE = 0.88	SRI = 58
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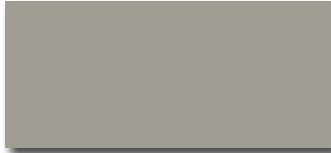
Mocha Tan (22)

SR = 0.52	TE = 0.87	SRI = 60
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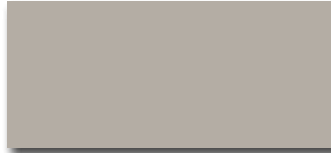
Antique Bronze (D4)

SR = 0.36	TE = 0.88	SRI = 39
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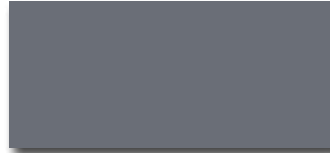
Taupe (74)

SR = 0.44	TE = 0.87	SRI = 49
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Ash Grey (25)

SR = 0.37	TE = 0.88	SRI = 40
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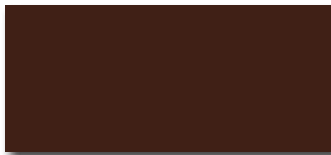
Charcoal (17)

SR = 0.30	TE = 0.87	SRI = 31
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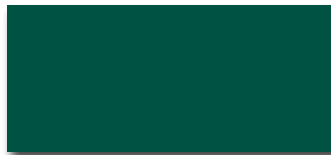
Brown (12)

SR = 0.31	TE = 0.87	SRI = 32
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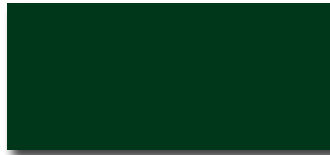
Dark Brown (44)

SR = 0.27	TE = 0.87	SRI = 27
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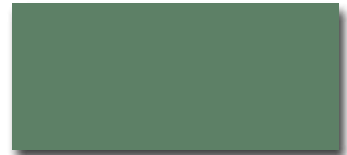
Forest Green (26)

SR = 0.27	TE = 0.87	SRI = 27
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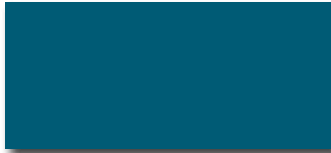
Fern Green (07)

SR = 0.30	TE = 0.88	SRI = 31
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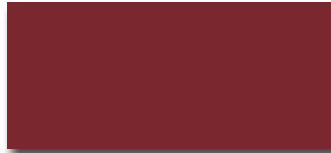
Sierra Green (20)

SR = 0.38	TE = 0.87	SRI = 41
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Ocean Blue (35)

SR = 0.30	TE = 0.88	SRI = 31
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Red (24)

SR = 0.30	TE = 0.86	SRI = 30
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Galvalume® (41)¹

SR = 0.67	TE = 0.14	SRI = 56
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SR = Solar Reflectance • TE = Thermal Emittance • SRI = Solar Reflectance Index

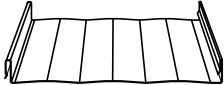
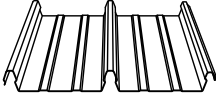
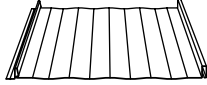
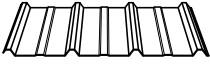

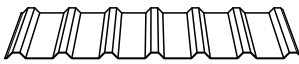




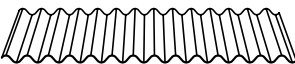
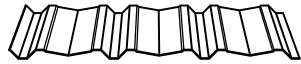
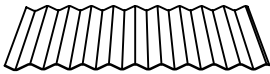


All Colors Meet or Exceed Steep Slope ENERGY STAR® Requirements
¹ Non-Painted Finish

Visit www.metalsales.us.com for valuable tools and resources.



COMMON 26 GAUGE PANEL PROFILES (COVERAGE)

Vertical Seam (12", 16" & 18") 	Clip-Loc (16") 	Image II (12" & 16") 	Delta Rib (24" & 36") 
R-Panel/PBR-Panel (36") 	U-Panel/PBU-Panel (36") 	IC72-Panel (36") 	V-Line 32 (32") 
Classic Rib® (36") 	Pro-Panel II® (36") 	7/8" Corrugated (varies) 	Span-Line 36A (36") 
2 1/2" Corrugated (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>		

MS COLORFAST45® PAINT SYSTEM

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.

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 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.

MS COLORFAST45® 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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Humidity Resistance

ASTM D 2247	1,000 Hours	No field blisters
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Abrasion Resistance

ASTM D 968	Method A	30 liters/mil minimum
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Chalk Resistance

ASTM D 4214	2,000 Hours	No chalking greater than #8 rating
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Bend Adhesion

ASTM D 4145	2T	No loss of adhesion
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Direct and Reverse Impact

ASTM D 2794	80 in-lbs	No visible paint removal with cellophane tape
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Water Immersion

ASTM D 870	500 Hours	No loss of adhesion (100°F)
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Cross-Hatch Adhesion

ASTM D 3359	cello. tape	No paint removal
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Color Change

ASTM D 2244	2000 hours	Not exceed 5 NBS units
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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.

12/12 1094