



## MS COLORFAST45® PAINT SYSTEM

Bright White (39) ☆	White (30) ☆	Ivory (28) ☆	Light Stone (63) ☆	Mocha Tan (22) ☆
Carlsbad Canyon (10) ☆	Taupe (74) ☆	Brown (12) ☆	Burnished Slate (49) ☆	Black (06) ☆
Ash Grey (25) ☆	Zinc Grey (29) ☆	Charcoal (17) ☆	Ocean Blue (35) ☆	Hawaiian Blue (70) ☆
Red (24) ☆	Patriot Red (73) <sup>2</sup> ☆	Burgundy (15) ☆	Forest Green (26) ☆	Fern Green (07) ☆ Low Gloss
Native Copper (E95) <sup>2</sup> ☆	Galvanized (00) <sup>1</sup> ☆			



☆ Meets or Exceeds Steep Slope Energy Star Requirements  
<sup>1</sup> Non-Painted Finish  
<sup>2</sup> Premium Color

[www.metalsales.us.com](http://www.metalsales.us.com)

**45 Year Paint Warranty**

Color selections are close representations but are limited by processing and viewing conditions. Actual samples are available upon request. For all specific warranty, application, installation, and technical information regarding these products contact your local sales representative.

### COLORS W/ADDITIONAL COST

- \* Patriot Red (73)
- \* Native Copper (E95)

**SHERMAN BUILDINGS**

### COLORS WARNING

Paper & Digital color samples are not reliable or accurate representations of steel color.

## When you step up to Metal Sales, you can expect:

### Excellence:

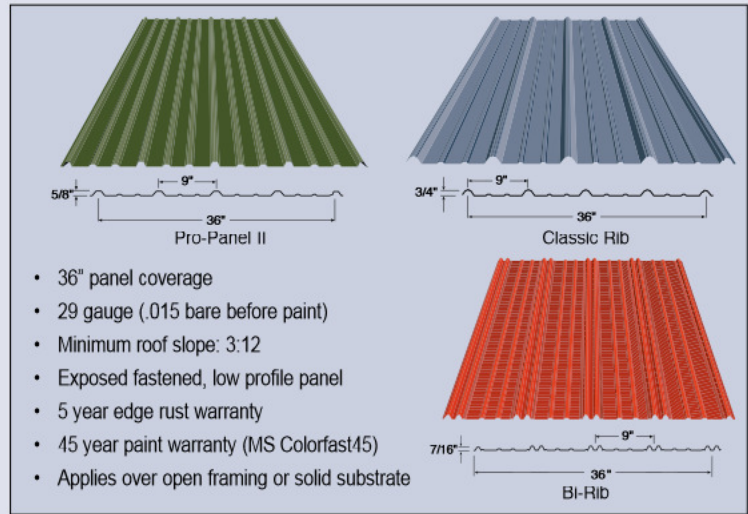
- 29-gauge steel
- G60 galvanizing – one of the heaviest in the industry
- Superior paint finish – color retention and chalking resistance
- Industry wide recognition for superior corrosion resistance

### Variety:

- Three profiles available (Bi-Rib, Classic Rib, and Pro-Panel II)
- Choice of 21 colors plus Galvanized
- A variety of matching trims are also available

### Reliability:

- 45 year warranty
- 5 year edge rust warranty
- The same elite service you've come to expect from our staff of knowledgeable, courteous professionals



## The Metal Sales Superior Paint

Superior performance starts with superior paint. Because the Metal Sales product line is used in a variety of applications and climates, the quality of its paint coating is of utmost importance. This unique coating combines proprietary resin technology with color-fast ceramic pigments for maximum color retention and resistance to fading. Our finish has undergone rigorous testing in the most dire of circumstances, ensuring that our product combines exceptional durability with long-lasting aesthetics.



What part of this building would you prefer?

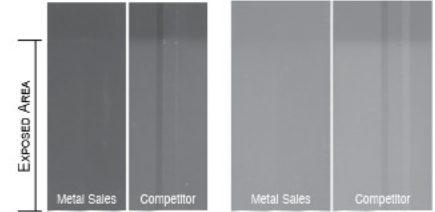
(They both started out with the same white color!)

Metal Sales' original white color on right. Stained competitor's white on left.

### Multiple layers of protection

Top Coat  
Primer Coat  
Sealer Coat  
Zinc Pre-Treatment  
Galvanized  
Bare Steel  
Galvanized  
Zinc Pre-Treatment  
Sealer Coat  
Primer Coat  
Backer Coat

### Panel Testing



45" South Florida Testing after **only 34 Months Exposure**

## Classic Rib Load Table

SECTION PROPERTIES								ALLOWABLE UNIFORM LOADS PSF (3 or More Equal Spans)											
Ga.	Width	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward Load						Outward Load					
				lxx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	lxx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	1.5'	2'	2.5'	3'	3.5'	4'	1.5'	2'	2.5'	3'	3.5'	4'
29	36"	80	0.62	0.0100	0.0151	0.0053	0.0118	142	81	52	36	27	21	179	103	66	46	34	26
26	36"	80	0.86	0.0123	0.0190	0.0080	0.0151	182	104	67	47	34	26	225	129	84	58	43	33

## Pro-Panel II Load Table

SECTION PROPERTIES								ALLOWABLE UNIFORM LOADS PSF (3 or More Equal Spans)											
Ga.	Width	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward Load						Outward Load					
				lxx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	lxx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	1'	1.5'	2'	2.5'	3'	3.5'	1'	1.5'	2'	2.5'	3'	3.5'
29	36"	80	0.71	0.0067	0.0134	0.0053	0.0137	89	59	41	28	19	10	87	57	40	28	19	10
26	36"	80	0.87	0.0087	0.0179	0.0067	0.0168	112	74	52	35	23	12	115	76	54	35	23	12

1. Theoretical section properties have been calculated per AISI 2001. "Specifications for the Design of Cold-formed Steel Structural Members" with 2004 supplement. lxx and Sxx are effective section properties for deflection and bending.

2. Allowable load is calculated in accordance with AISI 2004 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers the worst case of 3 and 4 equal span conditions. Allowable load does not address web crippling or fasteners/support connection and panel weight is not considered.

3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.

4. Allowable loads do not include a 1/3 stress increase in uplift.