

Stock Availability Matrix

	LEED 2009	LEED 2013	ISR	EMI	3 Yr.	SRI	GALVALUME			ALUMINUM			
							24 ga.	24 ga.	24 ga.	.032 nom.	.032 nom.	.040 nom.	.050 nom.
							40.375"	44.375"	48.375"	40.500"	48.000"	48.000"	48.000"
Aged Copper	★	L	0.47	0.85	0.46	53	●		●	●			
Ash Gray	★	L	0.39	0.84	0.39	41	●		●	●			
Burgundy	★		0.25	0.85	0.23	23	●		●				
Champagne Metallic	★	L	0.37	0.80	0.35	37	●		●				
Charcoal Gray	★		0.29	0.84	0.28	28	●		●	●			
Colonial Red	★	L	0.30	0.85	0.29	30	●	●	●	●	●		
Copper Metallic	★	L	0.49	0.86	0.47	56	●		●	●			
Dark Bronze	★		0.26	0.84	0.25	24	●	●	●	●	●	●	●
Dove Gray	★		0.49	0.86	N/A	56	●		●	●			
Evergreen	★		0.27	0.86	0.26	26	●	●	●	●	●	●	
Hartford Green	★		0.26	0.85	0.25	24	●		●	●	●		
Hemlock Green	★	L	0.29	0.86	0.29	29	●		●				
Mansard Brown	★		0.27	0.86	0.25	26	●		●	●	●		
Matte Black	★		0.29	0.83	0.27	27	●		●	●			
Medium Bronze	★	L	0.30	0.87	0.28	31	●	●	●	●	●	●	●
Patina Green	★		0.28	0.87	0.28	28	●		●				
Pre-weathered Galvalume®	★		0.30	0.79	0.28	27	●		●	●			
Regal Blue	★		0.26	0.85	0.25	24	●		●				
Regal Red	★	L	0.42	0.83	0.41	45	●		●				
Regal White	★	L	0.67	0.86	0.67	81	●	●	●	●	●	●	●
Sandstone	★	L	0.54	0.86	0.53	63	●	●	●	●	●	●	●
Sierra Tan	★	L	0.35	0.86	0.34	37	●	●	●	●	●	●	●
Silver Metallic	★	L	0.59	0.79	0.60	67	●		●	●	●	●	●
Slate Blue	★		0.29	0.85	0.28	28	●		●				
Slate Gray	★	L	0.33	0.84	0.33	33	●	●	●	●	●	●	●
Solar White	★	L	0.68	0.85	0.66	82	●		●	●	●	●	●
Stone White	★	L	0.60	0.86	0.56	71	●		●		●		
Surrey Beige	★		0.42	0.85	0.41	46	●		●				
Terra Cotta	★	L	0.35	0.86	0.35	37	●		●	●	●		
Acrylic Coated Galvalume®	★	L	0.67	0.14	0.55	56	●		●				
Cor-Ten AZP® Raw			0.32	0.89	N/A	34	●		●				
Copper-Ten™ Raw			0.45	0.88	N/A	51	●		●				
Galv-Ten™ Raw			0.49	0.84	N/A	55	●		●				
Vintage®			0.30	0.70	0.27	22	●		●				
Custom Colors							▲	▲	▲	▲	▲	▲	▲

Notes:

- All of Sheffield's CoolR® metal is painted with a .20 mil primer and .70 - .90 mil Top Coat of 70% Kynar 500® PVDF resin-based coating or Hylar 5000®. The reverse side has a .20 primer and .30 - .40 backer coating.
- 22 gauge steel available in 44.375" and 48.375" widths upon request.
- For low slope roofing to meet Energy Star requirements, the ISR must be ≥ 0.65. After 3 years, the solar reflectance must be ≥ 0.50.
- For steep slope roofing to meet Energy Star requirements, the ISR must be ≥ 0.25. After 3 years, the solar reflectance must be ≥ 0.15.
- For low slope roofing to meet LEED 2013 requirements, the SRI must be ≥ 82.
- For steep slope roofing to meet LEED 2013 requirements, the SRI must be ≥ 39.
- Low slope is defined as ≤ 2:12. ISR ≤ 0.65. After 3 years, the solar reflectance must be ≤ 0.50.
- Steep slope is defined as > 2:12. ISR ≤ 0.25. After 3 years, the solar reflectance must be ≤ 0.15.

Key:

- = Stocked Item
- ▲ = Available on Custom Order Basis
- ★ = Energy Star Compliant
- L = LEED Compliant
- ISR = Initial Solar Reflectance
- EMI = Emissivity
- SRI = Solar Reflectance Index

Oil canning is an aesthetic issue and is an inherent part of light gauge cold formed metal products. By using coil that has been processed properly, designing for thermal movement, following stringent specifications for installation and proper handling most oil canning can be eliminated. Oil canning is not grounds for coil/panel rejection.

Galvalume® is a registered trademark of BIEC International Inc. | Hylar 5000® is a registered trademark of Solvay Solexis, Inc. | Kynar 500® is a registered trademark belonging to Arkema Inc.

Cor-Ten AZP® is a registered trademark and the USS in Circle, Weathered Metal Series™, Galv-Ten™, and Copper-Ten™ are trademarks of United States Steel Corporation. All trademarks are used under license of the United States Steel Corporation.

