



Central Texas Metal Roofing Supply Co., Inc.

**Solar Reflectivity, Emissivity,
and Solar Reflectance (SRI) Values**

| Color | Paint System | Solar Reflectivity | Emissivity | SRI |
|--------------------------|----------------|--------------------|------------|-----|
| Acrylic Coated Galvalume | Non-Painted | 67 | 0.06 | 55 |
| Almond | Kynar500® PVDF | 67.1 | 0.9 | 82 |
| Aged Bronze | Kynar500® PVDF | 29.66 | 0.86 | 30 |
| Antique Copper Cote | Kynar500® PVDF | 29.3 | 0.85 | 29 |
| Award Blue | Kynar500® PVDF | 17.2 | 0.83 | 12 |
| Natural White | Kynar500® PVDF | 75.93 | 0.84 | 93 |
| Bristol Blue | Kynar500® PVDF | 30.3 | 0.86 | 31 |
| Buckskin | Kynar500® PVDF | 39.71 | 0.86 | 43 |
| Burgundy | Kynar500® PVDF | 30.05 | 0.85 | 30 |
| Champagne | Kynar500® PVDF | 34.95 | 0.85 | 36 |
| Charcoal Gray | Kynar500® PVDF | 29.64 | 0.87 | 30 |
| Colonial Red | Kynar500® PVDF | 33.03 | 0.85 | 34 |
| Copper Brown | Kynar500® PVDF | 29.57 | 0.87 | 30 |
| Copper Cote | Kynar500® PVDF | 45.24 | 0.87 | 51 |
| Dark Bronze | Kynar500® PVDF | 28.2 | 0.91 | 30 |
| Deep Red | Kynar500® PVDF | 38.54 | 0.84 | 41 |
| Forest Green | Kynar500® PVDF | 29.08 | 0.85 | 29 |
| Hartford Green | Kynar500® PVDF | 28.2 | 0.9 | 30 |
| Hemlock Green | Kynar500® PVDF | 30.92 | 0.83 | 30 |
| Lead Cote | Kynar500® PVDF | 32.9 | 0.9 | 35 |
| Matte Black | Kynar500® PVDF | 28.7 | 0.91 | 30 |
| Medium Bronze | Kynar500® PVDF | 31.39 | 0.85 | 32 |
| Parchment | Kynar500® PVDF | 51.72 | 0.83 | 58 |
| Patina Green | Kynar500® PVDF | 34.42 | 0.86 | 36 |
| Preweathered Galvalume | Kynar500® PVDF | 33.61 | 0.8 | 32 |
| Royal Blue | Kynar500® PVDF | 29.9 | 0.9 | 32 |
| Shasta White | Kynar500® PVDF | 60 | 0.84 | 70 |
| Sierra Tan | Kynar500® PVDF | 34.81 | 0.84 | 36 |
| Teal Green | Kynar500® PVDF | 28.1 | 0.89 | 29 |
| Terra Cotta | Kynar500® PVDF | 31.66 | 0.83 | 31 |
| Zinc Cote | Kynar500® PVDF | 52.45 | 0.87 | 61 |
| Zinc Grey | Kynar500® PVDF | 37.88 | 0.84 | 40 |
| Emerald Green | SMP | 0.23 | 0.85 | 20 |
| Rustic Red | SMP | 0.36 | 0.86 | 38 |
| Tan | SMP | 0.48 | 0.87 | 55 |
| Colony Green | SMP | 0.31 | 0.87 | 32 |
| Fern Green | SMP | 0.2 | 0.86 | 17 |
| Hawaiian Blue | SMP | 0.25 | 0.86 | 24 |

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| | | | | |
|-----------------|-----|------|------|----|
| Desert Sand | SMP | 0.42 | 0.87 | 47 |
| Burnished Slate | SMP | 0.22 | 0.86 | 20 |
| Light Stone | SMP | 0.5 | 0.86 | 57 |
| Charcoal Gray | SMP | 0.24 | 0.86 | 22 |
| Crimson Red | SMP | 0.38 | 0.86 | 41 |
| Polar White | SMP | 0.59 | 0.85 | 69 |
| Cocoa Brown | SMP | 0.26 | 0.87 | 25 |
| Ash Gray | SMP | 0.47 | 0.87 | 55 |

Notes:

1. Energy Star Requirements: Steep Slope Roofs* - Solar Reflectivity: 25.0; Low Slope Roofs: 65.0
2. LEED 2.2 Requirements: Steep Slope Roofs* - SRI of 29 or better; Low Slope Roofs: 78
3. Due to different testing methods employed by various laboratories these values may vary.
4. Natural White and Almond qualify for LEED 2.2 for Low Slope applications.
5. *Steep Slope Roofs are greater than 2:12

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