



Gideon Steel Panel Company, LLC

26 gauge SMP

When Quality and Performance Matter!

Building a legacy, Gideon's source for cutting edge SMP paint formulation is recognized for its durability, offering strong protection against chalking and fading, preserving brilliant color and gloss. This enhanced Silicone Modified Polyester resin delivers performance while enduring extreme weather conditions.



BLACK
SR .31 , SRI 31



GALLERY BLUE
SR .26 , SRI 25



FERN GREEN
SR .28 , SRI 28



BURNISH SLATE
SR .34 , SRI 35



BERRY*
SR .31 , SRI 31



HAWAIIAN BLUE*
SR .31 , SRI 31



HUNTER GREEN*
SR .35 , SRI 37



CHARCOAL GREY*
SR .28 , SRI 27



RUSTIC RED*
SR .36 , SRI 37



BROWN*
SR .33 , SRI 34



COLONY GREEN
SR .28 , SRI 27



ASH GREY*
SR .46 , SRI 52



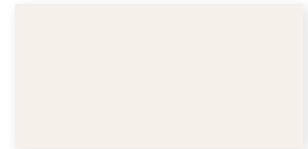
CRIMSON RED
SR .39 , SRI 42



TAN*
SR .45 , SRI 51



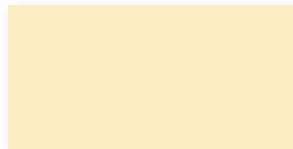
DESERT SAND
SR .42 , SRI 47



POLAR WHITE*
SR .64 , SRI 77



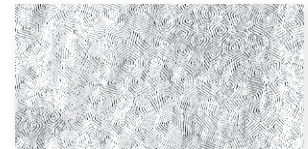
COPPER METALLIC
SR .41 , SRI 44



IVORY*
SR .66 , SRI 79



LIGHT STONE*
SR .56 , SRI 65



GALVALUME
SR .67 , SRI 56

Assisting your contribution to reduce energy cost, this paint formulation is designed to meet Energy Star® and LEED® Solar Reflectivity qualifications.

Prepainted metal color may vary slightly from printed colors shown.

Price and availability of color may vary, call Gideon to inquire.

Residential, Commercial and Industrial applications.

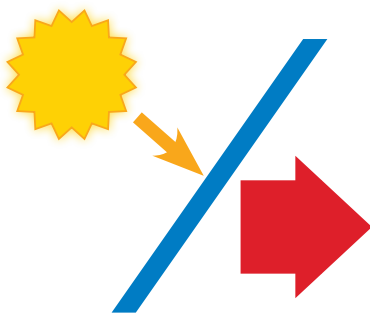
Indicates Standard Color.*

valspar®

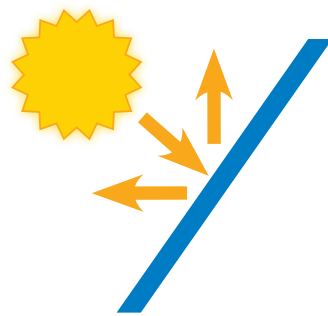


(405) 942-7878

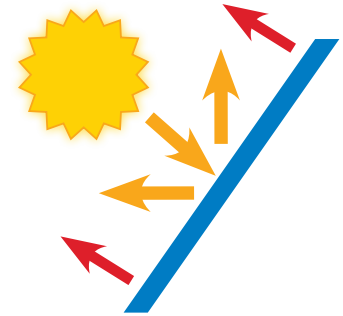
www.gideonsteel.com



Dark heat absorbing



Highly reflective



High heat emittance

The Link between Cool Roofs, Solar Reflectance and Emissivity. Solar Reflectance is the most important characteristic of a roof product in terms of yielding the highest energy savings during warmer months. The higher the Solar Reflective value the more efficient the product is in reflecting sunlight and heat away from the building and reducing roof temperature. Emissivity can also contribute to a cool roof. The *emittance* of a material refers to its ability to release absorbed energy / heat. An example is a metal wrench left in the sun, which is hot to the touch because it has a low emissivity value. In warm and sunny climates, highly emissive roof products can help reduce the cooling load on the building by releasing the remaining heat absorbed from the sun. However, there is also evidence that low emissivity may benefit those buildings located in colder climates by retaining heat and reducing the heating load. Research on the benefits of emissivity is ongoing. Consider reflectance and emissivity with your builder to determine what characteristics matter most in your climate.

Solar Reflectivity (SR) or reflectance is the ability of a material to reflect solar energy from its surface back into the atmosphere. The SR value is a number from 0 to 1. A value of 0 indicates that the material absorbs all solar energy and a value of 1 indicates all solar energy is reflected. Energy Star® requires SR testing of both new and aged roof products, so not all products that meet the initial requirements are qualified. Visit www.energystar.gov.

Steep Slope roofing is above 2:12. New products must have initial or beginning SR value of 0.25 or higher.

Aged testing takes three years to complete and requires 0.15 or higher.

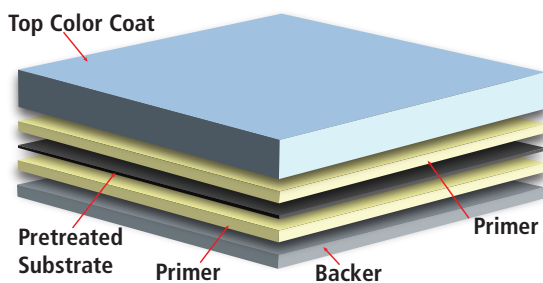
Low Slope roofing is 2:12 or less. New products must have initial or beginning SR value of 0.65 or higher.

Aged testing takes three years to complete and requires 0.50 or higher.

Solar Reflectance Index (SRI) is used to determine compliance with LEED® requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. To meet LEED® requirements, a roofing material must have an SRI of 29 or higher for steep slope (above 2:12) roofing and an SRI value of 78 or higher for low slope (2:12 or less) roofing. Visit www.usgbc.org.

WEATHERXL™ COATING SYSTEM

WeatherXL™ is a two coat SMP resin system with a total Dry Film Thickness (DFT) of 0.9 to 1.1 mils.



Top coat: 0.7 to 0.8 mils Primer: 0.2 to 0.3 mils
Backer: 0.2 to 0.3 mils

Industry Spec. Compliance

- Abrasion Resistance, ASTM D 968**
- Cross Hatch Adhesion, ASTM D 3359
- Flame Test, ASTM E 84
- Graffiti Resistance, ASTM D 6578 / D 6578M
- Humidity Resistance, ASTM D 2247, 100% RH-2,000 hours
- MEK Double Rubs ASTM D 5402
- Impact Resistance (direct) ASTM D 2794
- Pencil Hardness ASTM D 3363
- Salt Spray, ASTM B 117 - 1,000 & 2,000 hrs
- Specular Gloss at 60°, ASTM D 523
- T-Bends, ASTM D 4145

AAMA2604-13*

- 35+/-5 liters
- No loss of adhesion
- Class A
- Meets and exceeds
- No field blisters: Galvalume, HD or Aluminum
- 150 Plus
- No loss of adhesion: Galvalume or HDG: 3x3 metal thickness inch-pounds. Aluminum: 1.5x metal thickness inch-pounds.
- F to 2H
- Galvalume or HDG: Creep from scribe ≤ 1/8" (3mm), none or fewer #8 blisters. Aluminum: Creep from scribe ≤ 1/8" (3mm), few #8 blisters.
- 20 to 80
- 2T to 4T³ with no loss of adhesion

WeatherXL™ is a registered trademark of The Valspar Corporation. Galvalume® is a registered trademark of BIEC International, Inc.

* American Architectural Manufacturers Association. ** American Society for Testing and Materials.