Color Chart Selections

Star Building Systems
COLOR CHART
Note: 26-gauge material available in all colors. 24-gauge material available in Light Stone and Polar White only. All color selections may not be available in each profile or in the required KSI yield strength. Standard roll-formed gutter and gable trim are available in Polar White, Light Stone, Hawaiian Blue and Burnished Slate.

Note: Roof panels, wall panels and roll-formed gutter and gable trim are available in all Signature® 300 colors.
**What is Solar Reflectivity (SR)?**

Solar reflectivity or reflectance (SR) 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 1.0. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates it is all reflected. ENERGY STAR requires SR testing of both new and aged roof products. New products must have an SR value of 0.25 or higher for steep slope (above 2:12) roofing and an SR value of 0.65 or higher for low slope (2:12 or less) roofing. Aged testing takes 3 years to complete, so not all products that meet the initial requirements are qualified. For more information, please go to www.energystar.gov.

**What is Solar Reflectance Index (SRI)?**

The SRI is used to determine compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. Emissivity is a material’s ability to release absorbed energy. 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. For more information, please go to www.usgbc.org.

**ARCHITECTURAL COLORS**

**STARCFW II**

16”

3”

½”

1½”

5¾”

Field Seamed System

12” also available

**BATTENLOK® HS**

16”

½”

2”

Field Seamed System

12” also available

**SUPERLOK®**

16”

¾”

2”

Field Seamed System

12” also available

**DOUBLE-LOK®**

24”

¾”

3”

Field Seamed System

12” and 18” also available

**ENERGY STAR**

Qualified Color
Signature® 200 SPECIFICATIONS

Product Name
Signature® 200, a premium coating with proven, proprietary polymer and premium pigments.

Product Description
Uses: Signature® 200 is a factory-applied and oven-baked protective coating used on GALVALUME®, galvanized steel or aluminum substrate. Signature® 200 coatings are formulated for hardness and flexibility, making it a versatile and durable coating system when applied over a proprietary, corrosion-resistant primer.

Limitations: Since Signature® 200 coatings require baking to cure, they cannot be field applied. Signature® 200 coatings are not approved for use on hot or cold rolled bare steel substrates intended for exterior exposure.

Composition and Materials: Signature® 200 is a thermoset coating consisting of a proprietary polyester resin modified by silicone resin intermediate. Signature® 200 uses premium, proven-durability ceramic pigments which give superior exterior protection and resistance to chemical corrosion and ultraviolet radiation.

Color: Signature® 200 coatings are available in a wide range of standard, field-proven colors. Special colors are available (minimum quantity requirements may apply) if approved by manufacturer. Polar White may not meet these specifications - please inquire.

Installation
The Signature® 200 system is factory applied over metal substrates using the coil coating process. Surfaces shall be chemically cleaned and pretreated according to manufacturer specifications to remove contaminants and provide acceptable corrosion resistance. Total dry film thickness of topcoat (Signature® 200 protective coating and primer) is within the 0.9 - 1.05 range for coil coated applications. The pretreated substrate is primed with 0.2 - 0.25 mil of a high performance primer. The Signature® 200 protective coating is applied over the primed substrate at 0.7 - 0.8 mil. The Signature® 200 systems incorporate outstanding exterior durability, while affording superior coil line application and post-forming capabilities.

Signature® 300 and Signature® 300 Metallic SPECIFICATIONS

Product Name
Signature® 300 and Signature® 300 Metallic, a premium fluoropolymer low-gloss coating, produced with KYNAR® 500 or HYLAR® 5000 resin.

Product Description
Basic Uses: Signature® 300 coatings are specified by leading architects and used by manufacturers of metal curtain wall and other building products as a long-life exterior finish for aluminum, galvanized steel and Galvalume®. The liquid coating is factory applied and oven baked on properly prepared and primed substrates. Signature® 300 coatings typically are used as exterior finishes for metal roofing, siding, louvers, fascia, curtain wall, spandrel paneling and column covers. The building components can be post-formed from pre-coated coil stock.

Limitations: Since Signature® 300 coatings require baking to cure, they cannot be field applied. Signature® 300 coatings are not approved for use on hot or cold rolled bare steel substrates intended for exterior exposure.

Composition and Materials: Signature® 300 coatings are based on 70% KYNAR® 500 or HYLAR® 5000 PVDF fluoropolymer resin. They also are formulated with highly durable pigments and solvents blended for optimum application properties.

Color: Signature® 300 coatings are available in a wide range of standard, field-proven colors. Special colors are available (minimum quantity requirements may apply) if approved by manufacturer.

Technical Data
See Chart Below.

Installation
Signature® 300 coatings may be coil coated on HDG steel, Aluminum or Galvalume® substrates that have been pretreated and primed. The pretreated substrate is primed with 0.9 - 1.1 mil of a high performance primer. The Signature® 300 protective coating is applied over the primed substrate at 0.7 - 0.8 mil. The flexibility of the system permits coil-coated stock to be post-formed by either a roll former or press brake. All applicators of Signature® 300 coatings must have the approval of manufacturer. A list of approved applicators is available upon request.

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For more information about how Star can add to your success, call 1-800-879-7827 or visit www.StarBuildings.com. Join the team you know you can depend on.