**SIGNATURE® 200 | SILICONIZED POLYESTER**

- Polar White is a Straight Polyester.

- **POLAR WHITE**
- **LIGHT STONE**
- **FERN GREEN**
- **HAOTIAN BLUE**
- **ASH GRAY**
- **SADDLE TAN**
- **RUSTIC RED**
- **DESERT SAND**
- **CHARCOAL GRAY**
- **KOKO BROWN**
- **BURNISHED SLATE**
- **CRIMSON RED**
- **COBALT BLUE**

**SIGNATURE® 300 | 70% PVDF RESIN**

- **SNOW WHITE**
- **ALMOND**
- **SLATE GRAY**
- **HARBOUR BLUE**
- **BROWNSTONE**
- **MEDIUM BRONZE**
- **CLASSIC GREEN**
- **BRITISH RED**

Available Accessories

- Hat and Channel Sections
- Light Transmitting Panels
- Vents
- Roof Jacks
- Fasteners
- Ridge Caps
- Closures
- Doors
- Windows
- Sealants
- Insulation
- Bracing
- Bolts
- Sliding Door Hardware

- **CONTINUOUS RIDGE VENT**
- **LIGHT TRANSMITTING PANEL**
- **RIDGE CAP**
- **PEAK BOX**
- **BASE ANGLE**
- **SIDEWALL GIRT**
- **CLOSED**
- **RAKE ANGLE**
- **SCULPTURED RAKE**
- **CAST-IN-PLACE BASE**
- **CLASSIC EAVE GUTTER**
- **EAVE STRUT**
- **ENDWALL GIRT**
- **CORNER TRIM**
- **PURLIN**
- **EAVE TRIM**
- **PBR PANEL**
- **DOWNSPOUT WITH 45˚ ELBOW**
- **BASE TRIM**
- **BOLTS**
- **SLIDING DOOR HARDWARE**

- **Final color selection should be made from actual color chips.**
- See product selection chart for gauge and color availability.
- All products available in smooth or embossed finish.
- Trim available in all colors.
- All Signature® 300 are low gloss colors.
- A 40-year limited paint warranty available for all colors upon written request. (Outside the continental United States, please inquire.)
- Signature® is a registered trademark of NCI Building Systems.
ARCHITECTURAL COLORS

SIGNATURE® 300 Standard Colors | 70% PVDF RESIN

- SNOW WHITE
- ALMOND
- EVERGLADE
- NATURAL PATINA
- TUNDRA
- BROWNSTONE
- PACIFIC BLUE
- SPRUCE
- SLATE GRAY
- MEDIUM BRONZE
- HARBOR BLUE
- BRITE RED
- MIDNIGHT BRONZE
- COLONIAL RED
- HUNTER GREEN
- CLASSIC GREEN

SIGNATURE® 300 Metallic | 70% PVDF RESIN

Note: Metallic coatings are directional. Panels and trim must be installed oriented in the same direction to prevent perceived shade variances. Directional arrows are on the back side of panels and trim to aid in the proper orientation.

- COPPER METALLIC
- SILVER METALLIC

SIGNATURE® 200 Standard Colors | SILICONIZED POLYESTER | Polar White is a Straight Polyester.

- POLAR WHITE
- RUSTIC RED
- BURNISHED SLATE
- FERN GREEN
- LIGHT STONE
- KOKO BROWN
- CHARCOAL GRAY
- COAL BLACK
- HAWAIIAN BLUE

STAR BUILDING SYSTEMS®
**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.

**Composition and Materials:** Signature® 200 is a thermostatic 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 the manufacturer. Polar White may not meet these specifications - please inquire.

**Installation**

The Signature® 200 coating system is factory applied over metal substrates using the coil coating process. Surfaces shall be chemically cleaned and pretreated according to manufacturer’s 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.

**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.

**Warranty**

The Signature® 200 warranty is backed by the strictest production specifications and is one of the strongest in the industry. Details and further information are available by contacting the manufacturer.

**Technical Assistance**

Complete technical information and literature are available from manufacturer.

---

**Signature® 300 and Signature® 300 Metallic SPECIFICATIONS**

**Product Name**
Signature® 300 and Signature® 300 Metallic, a premium fluoropolymer low-gloss coating produced with 70% PVDF resin.

**Product Description**

**Basics:** Signature® 300 coatings are specified by leading architects and are numerous. Signature® 300 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® 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% PVDF resin. They are also 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 according to manufacturer specifications. The entire system is applied in the factory and oven baked. Topcoat dry film thicknesses are within the 0.9-1.1 mil range (Note which refers to the combination of primer and the Signature® 300 protective coating) for coil coated applications. The pretreated substrate is primed with 0.2 - 0.30 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.

**Warranty**

The Signature® 300 warranty is backed by the strictest production specifications and is one of the strongest in the industry. Details and further information are available by contacting the manufacturer.

**Technical Assistance**

Complete technical information and literature is available from manufacturer.

---

**Signature® 300 Coatings**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloss @ 60°</td>
<td>20-80</td>
<td>ASTM D523, ASTM D3363</td>
</tr>
<tr>
<td>Film Hardness</td>
<td>F-Min (Eagle Turg.)</td>
<td>ASTM D2794</td>
</tr>
<tr>
<td>Impact Resistance, 3x Metal Thickness</td>
<td>No Adhesion Loss</td>
<td>ASTM D3359</td>
</tr>
<tr>
<td>Cross-Hatch Adhesion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formability: T-Bend</td>
<td>(1) Acceptable</td>
<td>ASTM D4145</td>
</tr>
<tr>
<td>Abrasion Resistance, Falling Sand</td>
<td>35 ± 5 Liters</td>
<td>ASTM D968</td>
</tr>
<tr>
<td>ACCELERATED TESTS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humidity, 1,000 hrs.</td>
<td>(2) Acceptable</td>
<td>ASTM D2247</td>
</tr>
<tr>
<td>Dew Cycle Weatherometer, 200 Total Hours</td>
<td>(4) Acceptable</td>
<td>ASTM D3361</td>
</tr>
<tr>
<td>Salt Spray, 1,000 hrs.</td>
<td>(3) Acceptable</td>
<td>ASTM B117</td>
</tr>
<tr>
<td>Chemical Spot Test</td>
<td>(5) Acceptable</td>
<td>ASTM D1308</td>
</tr>
</tbody>
</table>

**Signature® 300 Metallic Coatings**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloss @ 65°</td>
<td>15-18</td>
<td>ASTM D523, ASTM D3363 (NCCA II-12)</td>
</tr>
<tr>
<td>Film Hardness</td>
<td>HB-Min (Eagle Turg.)</td>
<td>ASTM D2794</td>
</tr>
<tr>
<td>Impact Resistance, 5° Ball Indenter, 3x Metal Thickness</td>
<td>(1) Acceptable</td>
<td>ASTM D522</td>
</tr>
<tr>
<td>(2) Acceptable</td>
<td>ASTM D3359 (NCCA II-5)</td>
<td></td>
</tr>
<tr>
<td>Formability: 180° bend around 1/8° mandrel</td>
<td>67 Liters</td>
<td>ASTM D968</td>
</tr>
<tr>
<td>Adhesion</td>
<td>(3) Acceptable</td>
<td>ASTM D4587, G53, or G154</td>
</tr>
<tr>
<td>Abrasion Resistance, Falling Sand</td>
<td>(4) Acceptable</td>
<td>ASTM D2247, Apparatus A1</td>
</tr>
<tr>
<td>Accelerated Weathering, 5,000 hrs. exposure</td>
<td>(5) Acceptable</td>
<td>ASTM B117 (NCCA III-2)</td>
</tr>
<tr>
<td>Humidity, 3,000 hrs.</td>
<td>(6) Acceptable</td>
<td>ASTM D5894</td>
</tr>
<tr>
<td>Salt Spray, 2,000 hrs.</td>
<td>(7) Acceptable</td>
<td>ASTM D1308</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA–PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Adhesion Loss</td>
<td>(1)</td>
<td>2T to 4T, No loss of adhesion.</td>
</tr>
<tr>
<td>No Field Blister</td>
<td>(2)</td>
<td>No field blisters.</td>
</tr>
<tr>
<td>5/8 inch creep from scribe, few blisters, rating of 8.</td>
<td>(3)</td>
<td>5/8 inch creep from scribe, few blisters, rating of 8.</td>
</tr>
<tr>
<td>Chalk rating no less than 8. Color change, no more than 5E Hunter units.</td>
<td>(4)</td>
<td>Chalk rating no less than 8. Color change, no more than 5E Hunter units.</td>
</tr>
<tr>
<td>10% Hydrochloric acid solution 24 hours no visible changes. 25% sodium hydroxide 1 hour test no visible change.</td>
<td>(5)</td>
<td>10% Hydrochloric acid solution 24 hours no visible changes. 25% sodium hydroxide 1 hour test no visible change.</td>
</tr>
</tbody>
</table>

---

**Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. We reserve the right to discontinue products at any time or change specifications and/or designs without notice and without incurring obligation.**

---

**Star Building Systems**, an NCI Company | 8600 South I-35, Oklahoma City, OK 73149 | www.StarBuildings.com | star.marketing@starbuildings.net

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.