PORTER GUARD™ 2200
Silicone Alkyd Enamel

PORTER GUARD 2200 Silicone Alkyd Enamel for use over properly prepared and primed metal and masonry surfaces. Interior or Exterior, high gloss finish for use where extended gloss and color retention are required. Heat resistance to 350ºF (177ºC) (white only).

**USED FOR**
- Power Plants/Transformers
- Tanks and Structural Steel
- Industrial Buildings

**FEATURES**
- Gloss and Color Retention
- High Gloss Finish
- Heat Resistance

**RECOMMENDED SYSTEMS**
PORTER GUARD 2200 Silicone Alkyd Enamel is recommended for a variety of primed or previously painted interior or exterior surfaces in normal atmospheric or mild industrial environments.

**SUBSTRATE**

<table>
<thead>
<tr>
<th>Steel:</th>
<th>286, 299</th>
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<tbody>
<tr>
<td>Aluminum:</td>
<td>286, self-prime</td>
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<tr>
<td>Galvanized Steel:</td>
<td>299</td>
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<tr>
<td>Concrete Block:</td>
<td>896, 9203</td>
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**TECHNICAL DATA**
Data below is based on White Base.
- **Product Type:** 30% Copolymerized Silicone Alkyd
- **Bases/Colors:**
  - 2215 White Base
  - 2244 Neutral Base
- **Mix Ratio (by volume):** Single component
- **Induction (sweat-in) period:** Not applicable
- **Pot Life:** Not applicable
- **Gloss, 60º:** High Gloss (Typical range: 75 - 100)
- **Percent Solids:**
  - **Weight:** 73.2%
  - **Volume:** 61.8%
  - **Weight/Gallon:** 10.4 lb
- **Recommended Film Thickness:**
  - Wet: 2.5 - 4.0 mils
  - Dry: 1.5 - 2.5 mils
- **Spread Rate (Theoretical):** 396 - 660 sq. ft./gal.
- **Dry time (77ºF @ 50% R.H.):**
  - To Touch: 2 - 4 hours
  - To Handle: 4 - 6 hours
  - To Recoat: 24 hours
  (Expect longer dry times at lower temperatures and higher relative humidity.)
- **Flash Point:** 106ºF (41ºC)
- **Dry Temperature Resistance:** 350ºF (177ºC) - White only
- **Thinner:** As allowed by VOC regulations, up to ¼ pint (4 ounces) per gallon of Porter 5131 Spraying Thinner.
- **Clean-up:** 5131 Spraying Thinner or 5133 Xylol
- **Danger:** Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in sealed water filled metal container.

**Federal Specification Crossover:** TT-E-1593B: Enamel, Silicone Alkyd Copolymer, Gloss (for interior and exterior use).

Note: This product is not formulated with lead containing materials. This product complies with Consumer Protection Safety Commission "Ban of Lead Containing Paint" (16 CRF1303).

**VOC (theoretical):**
- As supplied (untinted): 2.80 lb/gal (336 g/l)
- When thinned to maximum: 2.91 lb/gal (349 g/l)

**LIMITATIONS**
Apply in good weather when air, surface and material temperatures are above 40ºF. Surface temperature must be at least 5ºF above dew point. For optimal application properties, bring material to 65-85ºF. Expect slower drying in cool, humid weather and when thick films are applied. Not suitable for use on wood or dimensionally unstable substrates.

**REGULATORY DATA**
Voc based on White Base. See labels for other bases.
- **VOC (theoretical):**
  - As supplied (untinted): 2.80 lb/gal (336 g/l)
  - When thinned to maximum: 2.91 lb/gal (349 g/l)
PORTER GUARD 2200 Silicone Alkyd Enamel

SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dust, oils, dirt, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners per SSPC-SP 1 cleaning procedures. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning (SSPC-SP 2), or by Power Tool Cleaning (SSPC-SP 3). Sand or Brush Blast (SSPC-SP 7) any hard glossy areas until dull. Spot prime as necessary.

Previously Painted Surfaces: Test for compatibility by applying a test patch. Allow to cure and check for wrinkling, lifting, or loss of adhesion.

Unpainted Surfaces: Prepare surface and prime in accordance with specified primer directions.

INSTRUCTIONS FOR USE

Tinting: Tint with ChromaSpectrum Heavy Duty Colorant per label directions.
Mixing: Product is single component. Stir thoroughly before use.
Clean-up: Clean tools and spray equipment immediately after use with Porter Paint Thinner No. 5131 Spraying Thinner or 5133 Xylol.

Application:

Temperature Range: 40°F to 90°F (air, surface, paint) (Optimal temperature range 75-85°F)
Dew Point: Surface temperature must be at least 5°F above the dew point.
Relative Humidity: Maximum 85%

Equipment: Brushes:
Rollers:
Airless Spray:
Conventional Spray:

Directions: This product may be applied by conventional or airless spray brush or roller.

PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

SHIPPING

Freight Classification: PAINT
Packaging: 4 gallons per carton; 5-Gallon pail
Shipping Weights: 11.2 lb/gal (45.8 lb/carton); 56.4 lb/5-gal