

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Modified Linseed Oil
<b>Designation</b>	<p><b>This is a Carboline Specialty Product</b></p> <p>Minimum order quantities and special pricing will apply in North America. Contact your Carboline Sales Representative for more details.</p>
<b>Description</b>	Single-coat primer/finish with unique ion-exchange corrosion inhibitors frequently used as a metallic - finish maintenance coating for aged galvanized and rusty steel. Slow drying characteristics allow for excellent wetting and penetration to hand or power tooled cleaned surfaces. Frequently used in the Power, Transmission/Distribution and Bridge markets.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Excellent weathering characteristics</li> <li>• Calcium sulfonate and other unique rust-inhibitive pigments</li> <li>• High solids allows for single coat applications</li> <li>• Single component</li> <li>• Pre-thinned; ready-to-apply</li> <li>• VOC-compliant for most areas</li> </ul>
<b>Color</b>	<p>Available in M210 Metallic</p> <p>Contact your Carboline Representative for availability.</p>
<b>Finish</b>	Flat
<b>Primer</b>	<p>Self-priming. Can be applied over most alkyds, acrylics and epoxies. A test patch is recommended over existing coatings.</p> <p>Usually not topcoated, however, may be topcoated with Drying Oils and Alkyds.</p>
<b>Dry Film Thickness</b>	<p>2 - 4 mils (51 - 102 microns) per coat</p> <p>As an option, a spot prime coat at 2.0-4.0 mils (50-100 microns) followed by a second full coat at 2.0-4.0 mils (50-100 microns) may be used.</p> <p><b>2.0-4.0 for most applications.</b></p> <p><b>5.0-7.0 for severely rusted areas.</b></p>
<b>Solids Content</b>	By Volume 69% +/- 4%
<b>Theoretical Coverage Rate</b>	<p>1107 ft<sup>2</sup>/gal at 1.0 mils (27.2 m<sup>2</sup>/l at 25 microns)</p> <p>553 ft<sup>2</sup>/gal at 2.0 mils (13.6 m<sup>2</sup>/l at 50 microns)</p> <p>277 ft<sup>2</sup>/gal at 4.0 mils (6.8 m<sup>2</sup>/l at 100 microns)</p> <p>Allow for loss in mixing and application.</p>
<b>VOC Values</b>	<p><b>As Supplied</b> : 2.0 lbs/gal (240 g/l)</p> <p>Thinner 45 : 6 oz: 2.2 lbs/gal (288 g/l)</p> <p>If thinned 13 oz with Thinner 45: 2.4 lbs/gal (288 g/l).</p> <p>These are nominal values and may vary slightly with color.</p>
<b>Dry Temp. Resistance</b>	<p>Continuous: 200°F (93°C)</p> <p>Non-Continuous: 250°F (121°C)</p> <p>Discoloration and loss of gloss is observed above 200 °F (93 °C).</p>

### SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
<b>Steel</b>	SSPC-SP2 or SP3 normally acceptable. SSPC-SP6 or SP7 for steel with extensive deterioration.
<b>Galvanized Steel</b>	For aged galvanized steel: SSPC-SP1. Minimal surface preparation required. Areas of heavy pitting should be wire brushed and spot primed with Carbocoat <sup>®</sup> 2900. For rusted steel: SSPC-SP2 or SP3
<b>Rusted Steel</b>	SSPC-SP2 or SP3. SSPC-SP6 or SP7 for steel with extensive deterioration.
<b>Previously Painted Surfaces</b>	Lightly sand or abrade to roughen and de-gloss the surface. Existing paint must attain a minimum 3B rating in accordance with ASTM D3359 "X-Scribe" adhesion test.

### PERFORMANCE DATA

**All test data was generated under laboratory conditions. Field testing results may vary.**

Test Method	System	Results
ASTM B117 Salt Fog	Blasted Steel 1 ct. primer 1 ct. 2600	No blistering, no undercutting after 2000 hours of exposure

Test reports and additional data available upon written request.

\*The alignment of aluminum flakes in aluminum-filled finishes is very dependent on application conditions and techniques. Care must be taken to keep conditions as constant as possible to reduce variations in final appearance. It is also advisable to work from a single batch of material since variations can occur from batch to batch. For more information consult Carboline Technical Service Department.

### MIXING & THINNING

<b>Mixing</b>	Power mix until uniform in consistency.
<b>Thinning</b>	Spray: Up to 6 oz/gal (5%) with Thinner 45 Airless: Up to 13 oz/gal (10%) with Thinner 45 Brush: Normally not required Roller: Up to 6 oz/gal (5%) with Thinner 45  Use of thinners other than those supplied by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

### APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

<b>Spray Application (General)</b>	The following spray equipment has been found suitable and is available from manufacturers.
<b>Conventional Spray</b>	Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, 0.070" I.D. fluid tip and appropriate air cap.

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<b>Airless Spray</b>	Pump Ratio: 30:1 (min.)* GPM Output: 3.0 (min.) Material Hose: 3/8" I.D. (min.) Tip Size: 0.015-0.019" Output PSI: 1800-2000 Filter Size: 60 mesh  *PTFE packings are recommended and available from the pump manufacturer.
<b>Brush &amp; Roller (General)</b>	Multiple coats may be required to achieve desired appearance, hiding and recommended dry film thickness. Avoid excessive re-brushing or re-rolling. This application may result in a streaky appearance due to orientation of the aluminum pigment. For the best aesthetic appearance, spray application is required.
<b>Brush</b>	Use a synthetic bristle brush.
<b>Roller</b>	Use a medium-nap synthetic roller cover with solvent resistant core.

## APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	35°F (2°C)	35°F (2°C)	35°F (2°C)	0%
Maximum	120°F (49°C)	165°F (74°C)	120°F (49°C)	95%

This product simply requires the substrate temperature to be above the dew point. Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interferes with proper adhesion of the substrate.

## CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Recoat	Dry to Recoat & Topcoat w/ other finishes	Dry to Handle
75°F (24°C)	18 Hours	24 Hours	7 Days	30 Days

These times are based on the dry film thickness shown. Higher film thickness, insufficient ventilation, high humidity or cooler temperatures will require longer cure times and could result in solvent entrapment or premature failure. Dry to Touch refers to the time required to skin over. Dry to Handle refers to the time at which the coating will resist mechanical damage as would be anticipated in a typical shop application. **\*NOTE THE ABOVE CURE SCHEDULE IS FOR 2.0 - 4.0 Mil Coating. The cure schedule will lengthen by 2x for a 5.0 - 7.0 Mil Coating**

## CLEANUP & SAFETY

<b>Cleanup</b>	Use Thinner 2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
<b>Safety</b>	Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation and wear gloves or use protective cream on face and hands. Keep container closed when not in use.

# Carbocoat<sup>®</sup> 2600

## PRODUCT DATA SHEET



### CLEANUP & SAFETY

<b>Caution</b>	This product contains flammable solvents. Keep away from sparks and open flames. In confined areas workers must wear appropriate respiratory protection. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workers should be required to use non-ferrous tools and wear conductive and non-sparking shoes
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### PACKAGING, HANDLING & STORAGE

<b>Shelf Life</b>	24 months at 75 °F (24 °C) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
<b>Storage Temperature &amp; Humidity</b>	40-110 °F (4-43 °C) 0-90% Relative Humidity
<b>Storage</b>	Store indoors.
<b>Shipping Weight (Approximate)</b>	1 Gallon - 15 lbs (7 kg) 5 Gallons - 74 lbs (34 kg)
<b>Flash Point (Setaflash)</b>	105 °F (41 °C)

### WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.