



SELECTION & SPECIFICATION DATA

Generic Type	Epoxy-Polyamide
Description	<p>A white, two-component, high solids, low VOC primer and top coat designed to provide excellent corrosion, humidity, damage and chemical resistance.</p> <p>Fully-cured films exhibit extreme hardness, abrasion resistance and excellent resistance to oils, grease, strong organic solvents and mild acids. In addition, fully-cured films are non-lifting and resistant to hot transformer oil (325oF) for extended periods of time.</p> <p>When used as a top coat for the Strathmore 4010-NS Zinc the 4010/4015 system exceeds the coating requirements specified in ANSI C57.12.32 for enclosure integrity of submersible equipment.</p>
Color	<p>Black, ANSI 61 Gray and White</p> <p>Other colors are available upon request.</p>
Dry Film Thickness	<p>2 mils (51 microns) minimum as topcoat</p> <p>3 mils (76 microns) minimum as primer</p>
Typical Uses	<p>Designed for use in durable metal applications where corrosion resistance, chemical resistance and durability are required, such as transformers, wind energy, water processing and industrial applications.</p> <p>For optimum corrosion resistance, it should be used as a top coat over Strathmore 4010-NS Zinc. Please contact your Carboline representative for specific product and application recommendations.</p>
Solids Content	<p>By Volume 59%</p> <p>Solids by weight: 71%</p>
Theoretical Coverage Rate	<p>946 ft²/gal at 1.0 mils (23.2 m²/l at 25 microns)</p> <p>473 ft²/gal at 2.0 mils (11.6 m²/l at 50 microns)</p> <p>315 ft²/gal at 3.0 mils (7.7 m²/l at 75 microns)</p> <p>Allow for loss in mixing and application.</p>
Viscosity	Zahn #2 (72°F / 22°C): 18-32 sec

MIXING & THINNING

Ratio	<p>4:1 parts by volume, Part A to Part B</p> <p>(Part B formerly known as C86-0188)</p>
Pot Life	8 hours at 72°F (22°C)

APPLICATION PROCEDURES

Application	<p>Airless, air-assisted airless, conventional and HVLP spray application</p> <p>Contact Carboline if assistance is needed.</p>
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Strathmore 4015-WT VOC Epoxy

PRODUCT DATA SHEET



CURING SCHEDULE

Surface Temp.	Final Cure Immersion	Dry to Recoat	Dry to Touch	Dry to Handle	Dry Hard
77°F (25°C)	3 Days	1 Hour	4 Hours	8 Hours	24 Hours

Final Cure Immersion: 7 days @ 50°F (10°C)

Force Cure | **May be Forced Cured as follows:**
8 hrs @ 120°F (49°C), 4 hrs cool
1hr @ 200°F (93°C), 8 hrs cool

TESTING / CERTIFICATION / LISTING

General | This product has been tested in accordance with multiple accelerated aging tests per ASTM and ISO standards as well as in accordance with specific ANSI and IEEE specifications. In general, this coating system exceeds the requirements of many OEM specifications.

Industry Specifications and Reference:
IEEE Std C57.12.28™ - 2005: IEEE Standard for Pad-Mounted Equipment – Enclosure Integrity
IEEE Std C57.12.29™ - 2005: IEEE Standard for Pad-Mounted Equipment – Enclosure Integrity for Coastal Environments
IEEE Std C57.12.32™ - 2002: IEEE Standard for Submersible Equipment – Enclosure Integrity
HMIS Code: H2F3Ph2PJ
For specific test results and adherence to specifications, please contact your Carboline representative.

PACKAGING, HANDLING & STORAGE

Storage Temperature & Humidity | Parts A and B should not be stored below 40°F (4°C) and above 110°F (43°C).

Storage | Materials should be stored in sealed containers when not in use. Do not store containers near sources of heat.
Handling and Disposal should be done in accordance to local, state and federal safety regulations. Please consult the Material Safety Data Sheets for more specific handling and disposal information.

Shipping Weight (Approximate) | 11.0-12.2 lbs/gal (1.3-1.5 kg/l)

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.