

SELECTION & SPECIFICATION DATA

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| Generic Type | Epoxy Amide |
| Description | <p>A two-component high solids primer designed to provide excellent corrosion, humidity, damage and chemical resistance. Fully-cured films are hard and exhibit excellent resistance to hot oils. Formulated with specific solvents to aid in application.</p> <p>In addition, fully-cured films are non-lifting and resistant to hot transformer oil (325°F / 163°C) 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> |
| Typical Uses | <p>Designed for use in 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, Strathmore 4015-NS Epoxy should be used as a top coat over Strathmore 4010-NS Zinc . Please contact your Carboline Representative for specific product and application recommendations.</p> |
| Color | Black (C900) |
| Dry Film Thickness | 3 - 5 mils (76 - 127 microns) per coat |
| Solids Content | <p>By Volume 61%</p> <p>Varies by color</p> |
| Theoretical Coverage Rate | <p>980 ft²/gal at 1.0 mils (24.1 m²/l at 25 microns)</p> <p>327 ft²/gal at 3.0 mils (8.0 m²/l at 75 microns)</p> <p>196 ft²/gal at 5.0 mils (4.8 m²/l at 125 microns)</p> <p>Allow for loss in mixing and application.</p> |
| VOC Values | <p>As Supplied : 2.7 lbs/gal (324 g/l)</p> <p>These are nominal values and may vary slightly with color.</p> |

MIXING & THINNING

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| Ratio | <p>4:1 by volume, Part A to Part B</p> <p>(Part B formerly known as C86-0197)</p> |
| Pot Life | 24 hours at 72°F (22°C) |

APPLICATION PROCEDURES

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| Application | <p>Use any Conventional Spray Method.</p> <p>Contact Carboline if assistance is needed.</p> |
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Strathmore® 4015-NS Epoxy

PRODUCT DATA SHEET



CURING SCHEDULE

| Surface Temp. | Dry to Recoat | Dry to Touch | Dry to Handle | Dry Hard | Final Cure Immersion |
|---------------|---------------|--------------|---------------|----------|----------------------|
| 72°F (22°C) | 1 Hour | 4 Hours | 8 Hours | 24 Hours | 14 Days |

Force Cure | 1 hour at 200°F (93°C)

TESTING / CERTIFICATION / LISTING

General

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 of these ASTM and ISO standards.

Applicable ASTM Methods:

Weight/gallon: ASTM D1475-90
VOC content/gal: ASTM D3960-90
Solids by weight: ASTM D2369-90
Solids by volume: ASTM D2697-86
Viscosity: ASTM D4212-88

For specific test results and adherence to specifications, please contact your Carboline representative.

PACKAGING, HANDLING & STORAGE

Shelf Life | 24 Months

Storage Temperature & Humidity | Part A and B should not be stored below 40°F (4°C) and above 110°F (43°C) in sealed containers when not in use.

Storage

Do not store containers near sources of heat.

Disposal should be done in accordance to local, state and Federal regulations. Please consult the specific Safety Data Sheets for more specific handling and disposal information.

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 to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Carboline warrants our products to be free of manufacturing defects in accord with applicable Carboline quality control procedures. THIS WARRANTY IS NOT VALID WHEN THE PRODUCT IS NOT: (1) APPLIED IN ACCORDANCE WITH CARBOLINE'S SPECIFICATIONS, AND/OR (2) PROPERLY STORED, CURED, AND USED UNDER NORMAL OPERATING CONDITIONS. Carboline assumes no responsibility for coverage, performance, injuries, or damages resulting from use of the product. If this product is found not to perform as specified upon inspection by a Carboline representative during the warranty period, Carboline's sole obligation, if any, is to replace the Carboline product(s) proven to be defective or refund the purchase price thereof, at Carboline's sole option. Carboline shall not be liable for any other losses or damages. This warranty excludes (1) labor and costs of labor for the application or removal of any product, and (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory. 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. The whole text of this Product Data Sheet, as well as the documents derived from it, have been written in English, and for legal purposes the English version shall prevail.