



SELECTION & SPECIFICATION DATA

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| Generic Type | Epoxy-Polyamide |
| Description | A black, two-component, high solids, low-VOC primer and top coat designed to provide excellent corrosion, humidity, damage and chemical resistance. 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 (325°F / 163°C) for extended periods of time. 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. |
| Dry Film Thickness | 3 - 5 mils (76 - 127 microns) per coat 2 mils minimum |
| Typical Uses | Designed for use in durable metal applications where corrosion resistance, chemical resistance and durability is required, such as transformers, wind energy, water processing and industrial applications. For optimum corrosion resistance, should be used as a top coat over Strathmore 4010-NS Zinc. Please contact your Carboline representative for specific product and application recommendations. |
| Solids Content | By Volume 69% Solids by Weight: 63.8% |
| Theoretical Coverage Rate | 1110 ft ² /gal at 1.0 mils (27.2 m ² /l at 25 microns) 370 ft ² /gal at 3.0 mils (9.1 m ² /l at 75 microns) 222 ft ² /gal at 5.0 mils (5.4 m ² /l at 125 microns) Allow for loss in mixing and application. |
| VOC Values | As Supplied : <0.1 lb/gal (<12 g/l) |
| Density | 10.05 lbs/gal (1.2 kg/l) These are nominal values and may vary slightly with color. |
| Viscosity | Zahn #5 (72°F / 22°C): 45–55 sec |

MIXING & THINNING

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| Ratio | 3:1 by volume, Part A to Part B) (Part B formerly known as C86-0199 |
| Pot Life | 24 hours at 72°F (22°C) |

APPLICATION PROCEDURES

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| Application | Typically applied by roller or brush. Contact Carboline if assistance is needed. |
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Strathmore 4015 LV Roller Coat

PRODUCT DATA SHEET



CURING SCHEDULE

| Surface Temp. | Dry to Recoat | Dry to Touch | Dry to Handle | Dry Hard | Immersion Service |
|---------------|---------------|--------------|---------------|----------|-------------------|
| 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

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| General | <p>This coatings system 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.</p> <p>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</p> <p>In general, LV-containing coating systems exceed the requirements of many of many OEM specifications.</p> <p>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 For specific test results and adherence to specific specifications, please contact your Carboline representative.</p> |
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PACKAGING, HANDLING & STORAGE

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| Packaging | <p>Handling should be done in accordance to local, state and Federal safety regulations. Disposal should be done in accordance to local, state and Federal regulations.</p> <p>Please consult the Safety Data Sheets for more specific handling and disposal information.</p> |
| Storage Temperature & Humidity | <p>Parts "A" and "B" should not be stored below 40°F (4°C) and above 110°F (43°C)</p> |
| Storage | <p>Store in sealed containers when not in use. Do not store containers near sources of heat. Containers must be closed tightly. Do not store outside. Rotate stock.</p> |

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.