

SELECTION & SPECIFICATION DATA

Generic Type	Epoxy-Polyamide
Description	<p>A black, two-component, high solids, 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 (325°F) 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>
Dry Film Thickness	3 - 5 mils (76 - 127 microns) per coat
Typical Uses	<p>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.</p> <p>For optimum corrosion resistance, this coating should be used as a top coat over Strathmore 4010-NS Zinc.</p> <p>Please contact your Carboline representative for specific product and application recommendations.</p>
Solids Content	<p>By Volume 69%</p> <p>Solids by weight: 76.6%</p>
Theoretical Coverage Rate	<p>1110 ft²/gal at 1.0 mils (27.2 m²/l at 25 microns)</p> <p>370 ft²/gal at 3.0 mils (9.1 m²/l at 75 microns)</p> <p>222 ft²/gal at 5.0 mils (5.4 m²/l at 125 microns)</p> <p>Allow for loss in mixing and application.</p>
VOC Values	<p>As Supplied : 2.3 lbs/gal (276 g/l)</p> <p>These are nominal values and may vary slightly with color.</p>
Viscosity	Zahn #5 (72°F / 22°C): 35-50 sec

MIXING & THINNING

Ratio	<p>3:1 by volume, Part A to Part B</p> <p>(Part B formerly known as C86-0199)</p>
Pot Life	12 hours at 72°F (22°C)

APPLICATION PROCEDURES

Application | Typically applied by roller or brush.

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

Strathmore 4015 Roller Coat

PRODUCT DATA SHEET



CURING SCHEDULE

Force Cure | 1 hour at 235°F (123°C)

CLEANUP & SAFETY

Cleanup | 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.

TESTING / CERTIFICATION / LISTING

General | This coating 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.

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

In general, exceeds the requirements of many OEM specifications.
Industry Specifications:
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 specifications, please contact your Carboline representative.

PACKAGING, HANDLING & STORAGE

Shelf Life | Two years

Storage Temperature & Humidity | Parts A and B should not be stored below 40°F (4°C) nor 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.

Shipping Weight (Approximate) | 10.0 lbs/gal (1.2 g/l)

WARRANTY

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