



SELECTION & SPECIFICATION DATA

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

Solids Content | By Volume 69%
Solids by weight: 63.8%

Theoretical Coverage Rate | 1110 ft²/gal at 1.0 mils (27.2 m²/l at 25 microns)
370 ft²/gal at 3.0 mils (9.1 m²/l at 75 microns)
222 ft²/gal at 5.0 mils (5.4 m²/l at 125 microns)
Allow for loss in mixing and application.

VOC Values | **As Supplied** : <0.1 lb/gal

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

Ratio | 3:1 by volume, Part A to Part B
(Part B formerly known as C86-0195)

Pot Life | 24 hours at 72°F (22°C)

APPLICATION PROCEDURES

Application | Typically applied by roller or brush.

CURING SCHEDULE

Surface Temp.	Dry to Recoat	Touch Dry	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

	<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. In general, LV-containing coating systems exceed the requirements of many of many OEM specifications.</p>
General	<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>

PACKAGING, HANDLING & STORAGE

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

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