

SELECTION & SPECIFICATION DATA

Generic Type	Polyamide Modified Epoxy
Description	Carboguard 869 Non-Skid is a two component, polyamide modified, low VOC, high performance coating for demanding industrial maintenance, marine and architectural applications. It is a tough and durable satin finish perfect for use on steel, galvanized, aluminum and masonry. It has a unique non-skid filler package which requires no agitation during application. In spite of its apparent lower profile aggregate, it has improved non-slip properties over larger aggregate materials ... even when wet. It has excellent chemical and abrasion resistance, particularly in marine or other corrosive environments. It is suitable for use on properly prepared concrete & steel surfaces in refineries, offshore platforms, chemical plants, food & beverage plants and pulp & paper mills.
Features	<ul style="list-style-type: none"> • Easy mix; non settling; 2-component • Constant agitation not required during installation • Short sweat-in time; long pot life • Unique aggregate package for improved nonslip properties • Dry hard overnight • Excellent film build properti
Color	Red (other colors on special order)
Finish	Satin
Primer	Self-priming, may be used over other epoxy primers.
Dry Film Thickness	102 - 152 microns (4 - 6 mils) per coat
Solids Content	By Volume 73% +/- 2%
Theoretical Coverage Rate	28.7 m ² /l at 25 microns (1171 ft ² /gal at 1.0 mils) 7.2 m ² /l at 100 microns (293 ft ² /gal at 4.0 mils) 4.8 m ² /l at 150 microns (195 ft ² /gal at 6.0 mils) Allow for loss in mixing and application.
VOC Values	As Supplied : 1.88 lbs./gal 226 g/l Thinned: 12 oz w/ #248=2.33 lbs/gal (279 g/l)
Topcoats	May be coated with Epoxies or Polyurethanes depending on exposure and need.

SUBSTRATES & SURFACE PREPARATION

General	All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion via SSPC-SP1 solvent cleaning.
Concrete or CMU	Cure for at least 30 days before painting. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast slick or glazed concrete before use on floors.
Previously Painted Surfaces	Scrape loose, scaly, peeling paint and sand the edges smooth. If the paint is glossy, sand to dull the surface. Remove any rust and scale from ferrous metal. If mildew is present, remove completely by sterilizing the surface with mildew remover and detergent. Rinse well and allow to dry before painting.

Carboguard 869 Non-Skid LT

PRODUCT DATA SHEET



SUBSTRATES & SURFACE PREPARATION

Metal | Sandblasting is recommended to remove rust and mill scale. Use commercial blast to SSPC-SP6 for mild exposures and near-white blast SSPC-SP10 for severe exposures. Where blasting is not possible, thorough scraping and wire brushing may be substituted at some possible sacrifice in performance.

MIXING & THINNING

Mixing | Thoroughly stir each component. Volume ratio: 4.2 gal Part A with 0.8 gals Part B. Combine and mix with mechanical agitation. Allow to sweat-in for 15 minutes @ 70-90°F or 30 minutes @ 55-70°F before use. Do not mix more than can be applied during the product's useful pot life.

Thinning | Mixed material may be thinned up to 12 fluid ounces per mixed gallon with Thinner 248 for most applications.

Ratio | 5.25:1

Pot Life | Maximum 4 hours @ 75°F. Once activated, material need not be agitated as aggregate is designed to stay in suspension.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Spray Application (General) | Allow the activated paint 15 minutes induction time

Conventional Spray | A bottom feed outlet pressure pot with dual regulators; with 3/4" ID fluid hose; maximum 25 feet long.
Gun: Conventional mastic gun with 1/4-3/8" round or slotted tip.
Atomization Pressure – 30-50 psi
Fluid Pressure – 15-20 psi

Brush | For limited applications use Nylon/Polyester or Natural Bristle

Roller | Use 3/8" woven with phenolic core or "loop" roller.

CURING PROGRAM

Surface Temp.	Dry Hard	Dry to Recoat	Dry to Touch	Tack Free
25°C (77°F)	24 Hours	6 Hours	2 Hours	6 Hours
25°C (77°F)	NR	72 Hours	4 Hours	8 Hours

Expect longer dry times in periods of higher humidity or lower temperatures or when applying thicker films.

CLEANUP & SAFETY

Cleanup | Clean up all tools and equipment promptly with Thinner #2.

Safety | Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation and wear gloves or use protective cream on face and hands if hypersensitive. Keep container closed when not in use.

PACKAGING, HANDLING & STORAGE

Shelf Life	Part A: 24 months Part B: 36 months *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
Shipping Weight (Approximate)	5-Gal Kit - 70 lbs
Storage Temperature & Humidity	0° - 110° F (4° - 43° C) 0 - 100% Relative Humidity
Flash Point (Setflash)	Part A: 73°F Part B: 85°F
Storage	Store Indoors.

WARRANTY

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