



1255 Black Barrier Coal Tar™ Epoxy Primer

Technical Data Sheet

Revision date:
May 2018

Heavy Duty Protection in Fresh or Saltwater

- Aluminum and steel hull protection
- Excellent water barrier for dock and pier pilings made of wood or concrete



Water Barrier for Boats and Offshore Structures



OVER
40
YEARS

PRODUCT DESCRIPTION

A two component high build Coal Tar Epoxy for use on properly prepared steel, aluminum, galvanized and concrete substrates. Provides heavy-duty protection for exposures in marine (ship hulls, tanks, pilings, etc.) petroleum, (refinery tanks, piping, offshore structures, etc.) water and water treatment. Black Barrier Coat meets or exceeds all requirements of the Corp. of Engineers Specification C-200, Government Specification MIL-P 23236 and Steel Structures Paint System SSPC Paint 16-68T.



PRODUCT INFORMATION

Colors: Black

Finish/Sheen: Gloss

Converter: 1:1 - 1255 & 1255B

Copper Content: N/A

Volume Solids: 85%

Mix Ratio: 4:1

Shipping Weight: 57 Lbs. including catalyst

Flash Point: 110° F

VOC: 170 Grams/Liter

Film Thickness: 12 mils wet equals 8 mils dry per coat; can be applied at 20-30 mils wet to obtain 14-20 mils dry when applied with airless sprayer

Recommended Coats: 1-2

Theoretical Coverage: 140 sq.ft./gal. @ recommended film thickness

FEATURES & BENEFITS

- Extremely High Build Epoxy for Maximum Protection
- Part of the Sea Hawk Aluminum Barrier Coat System Preferred by Mega Yachts

APPLICATION DETAILS

Method: Brush, roller or spray

Induction Time: 5-10 minutes

Thinner: Sea Hawk 2031

Cleaner: Sea Hawk 2031

Pot Life: @50-60°F 4-6 Hours
@60-80°F 2-4 Hours
@80-100°F 1-2 Hours

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NEW NAUTICAL COATINGS, INC.

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Overcoating Intervals (Drying time in hours):

Substrate Temp.	Touch Dry	Minimum	Maximum	Minimum Launch
73°F (23°C)	2 hrs	1 hr	Not Critical	12 hrs
95°F (35°C)	1 hr	1 hr	Not Critical	12 hrs

Consult your Sea Hawk Representative for the system best suited for surfaces to be protected.

APPLICATION

Apply by brush, roller or spray. Application by brush or roller may require more than one coat. Where two coats are required, apply second coat as soon as first coat is firm. Maximum recoat time is 18 hours. If 1255 cures beyond the recoat time uniformly abrade surface to a dull golden brown by brush blasting under low pressure, or sanding with 80 grit sandpaper.

EQUIPMENT

Brush: China Bristle

Roller: Solvent Resistant Roller Cover 3/8" pile smooth to medium. Prewash Roller Cover to remove loose fibers prior to use.

Airless Spray: Minimum 45:1 ratio pump, 1-2 GPM; "0.021-0.031" orifice tip; 3/8" ID high-pressure material hose; 90 PSI line pressure; 60 mesh filter.

Thinning: Not to exceed 1 quart to 5 gallons using Sea Hawk 2031.

Cleaning: Clean all equipment immediately after use with Sea Hawk 2031. It is a good practice to periodically flush out spray equipment during the course of the day. Frequency should depend upon amount sprayed, temperature, elapsed time including delay, etc.

Safety: Prior to use, obtain and consult the "Material Safety Data Sheet" of this product for health and safety information. Read and observe all precautionary notices on container labels.

SURFACE PREPARATION

Paint only clean, dry surfaces. Remove all grease, oil, wax, or other foreign material using Sea Hawk S-80, S-90, or detergent washing. (SSPC-SPI).

New Construction: Dependent on yard procedures, consult your Sea Hawk Representative.

LIMITATIONS

Apply in good weather when air and surface temperatures are above 50°F (10°C). Surface temperature must be at least 5°F (1°C) above dew point. For optimum application properties, bring material to 70-80°F (21-27°C) temperature range prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40° and 100°F (4-38°C).

Prolonged atmospheric exposure of this product may detract from performance.

Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. As application, environmental and design factors can vary significantly due care should be exercised in the selection, verification of performance, and use of the coating.