

SELECTION DATA

GENERIC TYPE : High solids and high build selfpolishing antifouling based on organotin copolymer and cuprous oxide.

GENERAL PROPERTIES : Excellent longlife antifouling for the protection against all kinds of marine growth.

RECOMMENDED USES : On underwater area on ships, barges, tugboats and offshore installations. Carboline A/F 1240-32 SP HS has a polishing rate of 5 microns per month, which allows approximately 30 months drydocking interval at 150 microns dryfilm.

TEMPERATURE RESISTANCE : (Non-immersion)

Continuous : 160°F(71°C)

Non-continuous : 190°F(88°C)

FLEXIBILITY : Good

SUBSTRATES : Properly primed steel using standard ship hull anti-corrosive coatings.

TOPCOAT REQUIRED : Two or three coats of Carboline Antifouling 1240-32 SP HS are recommended, depending upon specification requirements.

COMPATIBILITY WITH OTHER COATINGS : May be applied over Carbomastic coatings. Consult Carboline Technical Service for specific recommendation.

SPECIFICATION DATA

THEORETICAL SOLIDS CONTENT OF MIXED MATERIAL:

By Volume

Carboline Antifouling 1240-32 SP HS 52% ± 2%

RECOMMENDED DRY FILM THICKNESS PER COAT :
4-6 mils (100-150μ)

THEORETICAL COVERAGE PER MIXED GALLON* :

847 mil sq. ft. (20.8 m²/ℓ @ 25μ)

141 sq. ft. at 6 mils (3.5 m²/ℓ @ 150μ)

* **NOTE :** Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.

SHELF LIFE : 12 months minimum

COLORS : Red Oxide and Brown.

ORDERING INFORMATION

Prices may be obtained from Carboline Sales Representative or Main Office.

SHIPPING WEIGHT :

	<u>1's</u>	<u>5's</u>
Carboline Antifouling 1240-32 SP HS	78.4 lbs. (38.4 kg)	867 lbs. (394 kg)
Carboline Thinner #10	9 lbs. (4.1kg)	45 lbs. (20.4 kg)

FLASH POINT : (Pensky-Martens Closed Cup)

Carboline Antifouling 1240-32 SP HS

77°F(26°C)

Carboline Thinner #10

77°F(25°C)

February 2003

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact Carboline 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 or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY THE SELLER EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OR LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

APPLICATION INSTRUCTIONS

SURFACE PREPARATIONS : Remove any oil or grease from surface to be coated with clean rags soaked in Carboline Thinner #2 or toluol in accordance with SSPC-SP 1.

Steel : Primed surface must be clean, dry and free of any contaminants that may affect adhesion.

Mixing : Power mix to a uniform consistency. If required, thin up to 15% by volume with Carboline Thinner #10.

Note : Use of thinners other than those supplied or approved by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

APPLICATION TEMPERATURES :

	<u>Material</u>	<u>Surfaces</u>
Minimum	45°F (7°C)	40°F (4°C)
Maximum	110°F(43°C)	130°F(54°C)

	<u>Ambient</u>	<u>Humidity</u>
Minimum	40°F (4°C)	0%
Maximum	110°F(43°C)	90%

Do not apply when the surface temperature is less than 5°F (3°C) above the dew point.

Special thinning and application techniques may be required above or below normal conditions.

SPRAY : Use sufficient air volume for correct operation of equipment.

Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

NOTE : The following equipment has been found suitable, however, equivalent equipment may be substituted.

Conventional : Use a 3/8 " minimum I.D. material hose. Hold gun approximately 12-14 inches from the surface and at a right angles to the surface.

<u>Mfr. & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks #18 or #62	66	63PE
DeVilbiss P-MBC or JGA	E	704

approx..070"ID.

Airless: Use a 3/8 " minimum I.D. material hose. Hold gun 18-20 inches from the surface and at a right angle to the surface.

<u>Mfr. & Gun</u>	<u>Pump*</u>
DeVilbiss JGN-507	QFA-519 32 : 1
Graco 205-591	Bulldog 30 : 1
Binks Model 700	b8-36 37 : 1

*Teflon packings are recommended and are available from manufacturer.

Use a .021 " tip with 2000 psi.

BRUSH OR ROLLER : Recommended for touch-up only.

DRYING TIMES :
Between coats : 75°F(24°C) 4-5 hours

CLEAN UP : Use Carboline Thinner #2 or #10.

STORAGE CONDITIONS :
Temperature : 40-110°F(4-43°C)
Humidity : 0-100%

CAUTION: CONTAINS FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIRLINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRIC EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST. WORKMEN SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES.

