

BLUE WATER® MARINE PAINT



Marine AF 45

TBT Free Ablative A/F

Product description:

Moderate copper load (45%) ablative antifouling. TBT free.

Intended use:

Used for fouling control on coastal or deep-sea vessels requiring dry dock intervals less than 36 month.

Product Info:

Color	Red, Black
Finish / sheen	Flat
Curing agent	Not applicable, one part paint
Volume solids	61% ±2%
Mix ratio	One part
Typical film thickness	4.0 – 5.0 mils DFT
Theo coverage	195 square feet per gallon @ 5 mils DFT
Flash point	81 degree F

Dry Times

	40F	50F	75F	90F
Touch dry	4 hr	3 hr	2 hr	1 hr
Before launch	30 hr	20 hr	15 hr	10 hr

Over coating Time

	40F	50F	75F	90F
	Min / Max	Min / Max	Min / Max	Min / Max
Marine AF 45	15 hr / 30 days	8 hr / 30 days	6 hr / 30 days	4 hr / 30 days

Note: Must be applied over MARINE AC 70 or MARINE AC 80 when tacky. Do not allow epoxy anticorrosive to dry hard. Apply over MARINE AC 1 when dry.

Regulatory Data:

- VOC 355 grams /liter or 188 grams / Kg
- EPA 74681-2

Product does NOT contain TBT.

Systems and Compatibility:

Application of MARINE AF 45 over self polishing copolymers is not recommended.

Surface Preparation:

Surface must be clean, dry and free of all contamination. High pressure fresh water washes to remove all soluble contaminants and foreign matter. Clean any oil or grease in accordance with SSPC-SP1 Solvent Cleaning.

New building: Prepare surface and apply recommended primer. Apply two coats of MARINE AF 45 depending on the dry dock interval required.

Dry docking: Insure coating is intact. Pressure wash the entire bottom with 3000 psi fresh water wash when vessel enters the dock and before the surface dries. Re- move all loosely adhering paint and fouling. Damaged areas should be prepared to SSPC-SP10 Near White Blast (Sa2.5) and coat with MARINE AC 70, MARINE AC 80, or MARINE AC 1. Comply with over coating intervals specified by primer data sheet.

Application data:

Application: Apply by airless spray. Application by brush or roller will require multiple coats. . Strain material with a 60 mesh screen. Apply 6.5 mils wet to yield 4.0 mils dry film thickness.

Mixing: Product contains moderate copper load. Always shake or mix thoroughly with shaker or power agitator.

Thinning: Does not require thinning for spray application. If thinning is necessary, thin up to a maximum of 4 oz / gal of THINNER 975.

Airless Spray: Airless spray is recommended.

- Tip size 18-26 thou
- Output fluid pressure at spray tip 3000 psi

Conventional Spray: Conventional spray is not recommended.

Brush: Brush use is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

Roller: Roller use is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

Cleaner: THINNER 975

Cleanup: Flush all equipment with THINNER 975. Close lid thoroughly for storage. Filter material prior to use.

Safety: Refer to Material Safety Data Sheet (MSDS) for this product. The MSDS will provide all necessary data on health hazards, conditions to avoid, proper storage, disposal information, hazardous ingredients and health related characteristics.

Limitations:

Performance of the product is dependent upon the specified film thickness being achieved. Over coating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Apply in good weather. Temperature of the surface to be coated must be at least 3°C (5°F) above the dew point. Bring paint to 75°F prior to mixing and application. Store unused paint in a closed pail. Technical and application data herein is for the purpose of establishing a general guideline of the 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.

Unit size: 5 US gallons in a 5 US gallon pail or 20 Liters.

Unit Weight: 5 US gallons/20 Liter pail weighs 83 pounds or 37.65 kilograms.

Shelf life: 12 months from the date of manufacture when stored in a protected location at 40-100°F

Office:

Blue Water Marine Authorized Distributor: UNITED CHEMICALS & POLYMERS · 5259 CHERRY VALLEY RD· SAYLORSBURG, PA 18353 · USA · 908-338-8058

Note: Data sheet information is not intended to be exhaustive. Use of this product for any purpose other than as specified without written confirmation from Blue Water does so at their own risk. Factors outside of Blue Water control may affect the performance of this product. Blue Water does not accept any liability for the performance of this product or any loss or damage caused by the use of this product. Information in this data sheet is subject to change. User is responsible for securing the most updated data sheet prior to use of this product. All product names mentioned in this data sheet are trademarked by Blue Water Marine.