



Marine AC - 1 Anticorrosive

Product description:

A surface tolerant, one part anticorrosive.

Intended use:

Tar free anticorrosive for use on underwater areas. Suitable primer for etched aluminum and blasted steel. Use as sealer coat over aged anti-fouling prior to application of any Blue Water antifouling.

Product Info:

Color	Metallic blue cast
Finish / sheen	Matt
Curing agent	Not applicable, one part only
Volume solids	35% $\pm$ 2% depending on color
Mix ratio	Not applicable, one part only
Typical film thickness	3.0 – 4.0 mils DFT
Theo coverage	187 square feet per gallon @ 3.0 mil DFT
Flash point	81 degree F

Dry Times

	40F	50F	75F	90F
Touch dry	6 hr	4 hr	2 hr	1 hr
Hard dry	24 hr	10 hr	8 hr	6 hr
Over	16 hr	8 hr	6 hr	4 hr

* Unlimited overcoat, **no maximum** overcoat time over itself

Regulatory Data:

VOC 247 grams /liter or 180 grams / kg (low temp = 273 grams /liter or 198 grams / kg) VOC - 555 grams/liter, 502 grams per Kg; contains 283 grams of Hazardous Air Pollutant (HAPS) per solid liter of paint (legal limit of HAPS is 571 grams per solid liter)

Systems and Compatibility:

MARINE AC-1 must only be applied over properly prepared surfaces. Not recommended for over-coating with alkyd or urethane finishes. Salt level must be below 10 μ g/cm² before painting.

Surface Preparation:

Major refurbishment: Near White Metal Blast SSPC-SP10 (Sa2½) is recommended. Commercial Blast SSPC-SP6 (Sa2) is acceptable in many areas, consult Blue Water for recommendations. If oxidation has occurs between blasting and painting, reblasting is required.

Maintenance and Repair: High pressure water wash using 3000 psi minimum to remove all contamination. Commercial Blast SSPC-SP6 (Sa2) bare steel or damaged areas. Repair any defect revealed after the blast. If oxidation has occurs between blasting and painting, reblasting is required. Repair any defects revealed after the blast. Do not allow surface to flash rust before application of MARINE AC-1.

Application data:

Application: Apply by airless spray, brush or roll.

Mixing: One part paint, should be mixed thoroughly before application.

Thinning: Not recommended. If thinning is necessary, add 5% of thinner by volume. Use THINNER 975.

Airless Spray: Airless spray is recommended.

- Tip size is 13 - 19 thou.
- Output fluid pressure at spray tip 2000 psi
- Use water separator in line

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. Use 1/4" medium nap roller cover.

Cleaner: THINNER 974 or 975.

Cleanup: Flush all equipment with THINNER 974 or 975. Filter material prior to use. Flush spray equipment during heavy use. Dispose of paint cans in accordance with local regulations. Close lid thoroughly for storage.

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 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.
- 1 US gallons in a 1 US gallon can.

Unit Weight:

- 5 US gallons pail weighs 46 pounds or 20.87 kilograms.
- 1 US gallon can weighs 9.2 pounds or 4.17 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.