



Jack Tar® Yacht Enamel Semigloss White 431-25

Alkyd



PRODUCT DESCRIPTION
TYPICAL USES
PRODUCT ADVANTAGES
COLORS
GLOSS
PHYSICAL CONSTANTS
APPLICATION
SHIPPING & STORAGE

A high quality, marine grade interior/exterior semigloss alkyd enamel. Low VOC.

For industrial and marine use including machinery, piping, structural steel, marine vessels, walls, ceilings and structural members. For painting properly prepared steel, galvanized steel, aluminum, masonry and wood surfaces.

Jack Tar® Yacht Enamel provides protection in exposures including industrial and marine environments. Good color and gloss retention. Excellent coverage with a semigloss, non-yellowing finish. Heat resistant up to 250°F. Lead and chromate free. Low VOC.

White only

Semigloss

Nonvolatile - By weight - 73.2 + 1.0%
By volume - 52.4 + 1.0%

VOC (Calculated) - 3.05 lbs./gal.
365 grams/liter

Flash Point - 128°F (Setaflash)

Weight per gallon - 11.3 + 0.25 lbs.

Recommended Film Thickness - 2.0 mils dry, 3.8 mils wet

Theoretical Coverage @ 2.0 mils dry - 420 sq. ft./gal.

Method - Brush, roll, conventional and airless spray.

Thinner - MoPaxOI® Thinner 75-1 or Mineral Spirits

Dry time @ 75°F - To touch - 4 hours
To handle - 12 hours
To recoat - 24 hours

Consists of - 1 Gallon Unit 5 Gallon Unit
Unit Shipping Weight 12 lbs. 60 lbs.

Shelf Life - 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

Limitations: Apply in good weather when air and surface temperature are above 40°F and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be between 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F. Do not apply to uncured wood or masonry.

Surface Preparation: Good surface preparation is essential to a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all dirt, dust, oil, grease, mildew, loose or cracked paint or other contamination.

New or Unfinished Surfaces - Wood: Remove sap with mineral spirits. Sand smooth. For interior use prime with COVENTRY® Enamel Undercoat and Wood Sealer 19-8 or Jack Tar Yacht Enamel thinned 10%. For exterior use, prime with Jack Tar® Yacht Enamel thinned 10%. **Ferrous Metal:** Remove rust by "Hand or Power Tool Cleaning" (SSPC-SP2 or -SP3) or other effective method. Prime with RUS-KIL® Primer 10-series. **Galvanized metal:** Remove oil and prime with Prymall™ 20 Metallic Zinc Gray Primer 9-86, Galva-Tec™ White 9-5, or WEATHER-TITE™ 100% Acrylic Latex Universal Primer 6-6. **Masonry:** Must be fully cured, dry and clean. Allow a minimum of 30 days cure time before coating. If surface is chalky, wash to remove chalk and prime with Lox-Chalk™ 70-2. If surface is sound without chalk, prime with WEATHER-TITE™ 100% Acrylic Latex Universal Primer 6-6. **Aluminum:** Clean and etch with phosphoric acid based cleaning solution. Rinse well and allow to dry. Prime with Prymall™ 35 Zinc Chromate Primer 9-55 or RUS-KIL® Primer 10-series.

Previously Painted Surfaces: Repair all damaged areas. Remove loose and badly cracked paint by wire brushing, scraping, sanding or other method to provide a sound surface. Sand smooth all rough areas and feather edge areas of peeled coatings. Remove gloss from previous coatings by sanding. Spot prime all bare areas with the appropriate primer. If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any other sign of incompatibility. If there are no signs, coating work can proceed.

Tinting: Do not tint.

Mixing: This is a one component coating. Always mix thoroughly with a power agitator before application.

Thinning: This product is supplied at normal application viscosity. Thinning is not recommended. See cleanup paragraph for cleanup thinner.

Application: Apply by brush, roller or conventional or airless spray. Roller application may require special care to prevent bubbling and more than one coat to obtain proper film thickness. Apply at 3.8 mils wet film thickness which will yield 2.0 mils dry film thickness.

Equipment: Brush - Use a good quality bristle brush. Roller - All purpose, good quality roller with 3/8" nap maximum. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 40-45 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 40-45 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless Spray - Minimum of 28:1 ratio pump, .011"-.013" orifice tip, 1/4" ID material hose.

Cleanup: Clean all equipment immediately after use with MoPaxOI® 75-1 or mineral spirits. Completely flush all spray equipment with either of these solvents. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

Safety: Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinner. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Mobile Paint Manufacturing Company's Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

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LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.