



**Jack Tar®
Yacht Deck Enamel
450-series**

Alkyd

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

A high quality, marine grade interior/exterior high gloss alkyd enamel.

For industrial and marine use including machinery, piping, floors, decks, structural steel, marine vessels, storage tank exteriors and power plant equipment. For coating properly prepared steel, galvanized steel, aluminum, masonry and wood surfaces.

Jack Tar® Yacht Deck Enamel provides protection against weather and abrasion in industrial and marine environments. Good color and gloss retention on exterior exposure. Excellent abrasion resistance to withstand repeated traffic. Heat resistant up to 250°F.

Available in 9 standard colors as shown on color card. Special colors available subject to minimum order.

High gloss

Nonvolatile - By weight - 55.1 ± 2.5% Average *
By volume - 39.3 ± 2.5% Average *
VOC (Calculated) - 3.88 lbs./gal. Average *
465 grams/liter
Flash Point - > 101°F (Setaflash)
Weight per gallon - 9.6 lbs. Average *
* Varies with color

Recommended Film Thickness - 1.5 mils dry, 3.8 mils wet
Theoretical Coverage @ 1.5 mils dry - 420 sq. ft./gal.
Method - Brush, roll, conventional and airless spray.
Thinner - MoPaxOl® Thinner 75-1 or Mineral Spirits
Dry time @ 75°F - To touch - 2 hours
To handle - 4 hours
To recoat - 16 hours

Consists of - 1 Gallon Unit 5 Gallon Unit
Unit Shipping Weight 11 lbs. 51 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.

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. Exterior, prime with Jack Tar® Yacht Deck Enamel thinned 10%. Interior, prime with Jack Tar® Yacht Deck Enamel thinned 10% or Jack Tar® Enamel Undercoat and Wood Sealer 419-8. **Ferrous Metal:** For best performance, application to abrasive blasted and primed surface is recommended. "Commercial Blast Cleaning" (SSPC-SP6) is recommended as minimum. Proper blast media and blasting equipment shall be used to produce an average profile depth of 1.5 mils minimum. Do not reuse abrasive media. Remove blasting dust and grit from surfaces before painting. Blasted surfaces should be coated within 8 hours after blasting or before rusting or other contamination of surface occurs. If blasting is not feasible, remove rust by "Hand or Power Tool Cleaning" (SSPC-SP2 or -SP3). Prime with RUS-KIL® Primer 10-series. **Galvanized Metal:** Remove oil and prime with Vinyl Wash Primer 9-42. **Concrete Block:** Must be clean, dry and thoroughly cured. Fill pores with BLOC-FIL™ 60-7 or for high humidity exposures BLOC-SEAL™ 19-10. **Concrete:** Must be fully cured, dry and clean. Allow a minimum of 30 days cure time before coating. (1) "Brush Blast Cleaning" (SSPC-SP7) will remove efflorescence, laitance and other foreign matter and roughen the surface for proper adhesion. Remove all dust before coating. (2) "Acid Etching" - surface must be clean, cured and free from oil, grease, dirt, curing compounds, chalk or previously applied coatings. Etch with a solution of 1 part Muriatic Acid to 2 parts water. Apply by brush or spray to wet all concrete surfaces to be coated thoroughly. After bubbling ceases (10-15 minutes) wash surface and scrub with a stiff brush. Rinse thoroughly with water to remove all traces of acid and residue. Allow to dry before coating. **Aluminum:** Clean thoroughly and etch with phosphoric acid based cleaning solution. Rinse well and allow to dry. Prime with Prymall™ 35 Zinc Chromate Primer or RUS-KIL® Primer 10-series.

Previously Finished Surfaces - Repair all damaged areas. Remove gloss from previous paint by sanding or "Brush Blasting" (SSPC-SP7). Remove rust, corrosion products, heavy chalk and loose or peeling paint by "Hand or Power Tool Cleaning" (SSPC-SP2 or -SP3). Spot prime any bare areas as in new work above. 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: Thinning is not recommended. Clean Air Regulations may not allow thinning of this product for certain uses. Do not thin beyond applicable regulations.

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 1.5 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 Teflon 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 thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

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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.