



MO-TAR 47 COAL TAR COATING

Black 47-BX-4

Coal Tar Solution

PRODUCT DESCRIPTION	Heavy duty, chemical resistant, single component coating designed for high build application to steel and masonry surfaces in severe industrial applications. Offers excellent chemical and abrasion resistance. Low VOC and high solids.	
TYPICAL USES	For industrial, commercial and marine use in lining or coating of steel or concrete piping in waste treatment, pulp and paper, chemical plants and refineries. Can be used for exposures including underground or immersion service. Not for potable water contact or solvent immersion.	
PRODUCT ADVANTAGES	MO-TAR 47 offers excellent protection in severe environments including waste and sewage treatment plants and chemical process facilities. Excellent resistance to fresh or salt water as well as chemical fumes such as hydrogen sulfide. Low VOC and high solids.	
COLORS	Black only	
GLOSS	Semigloss	
PHYSICAL CONSTANTS	Nonvolatile -	By weight - 83.0 ± 1.0% By volume - 72.6 ± 1.0%
	VOC (Calculated) -	2.03 lbs./gal. 243 grams/liter
	Flash Point -	112°F minimum (Setaflash)
	Weight per gallon -	11.9 ± 0.2 lbs.
APPLICATION	Recommended Film Thickness per coat - 12.0 mils dry, 16.5 mils wet Theoretical Coverage @12.0 mils dry - 97 sq. ft./gal. Method - Brush, roller and conventional or airless spray. Thinner - XYLENE 75-15 Cure time @ 75°F - To touch - 6 hours To handle - 12 hours To recoat - 24 hours	
SHIPPING & STORAGE	Consists of -	1 Gallon Unit 5 Gallon Unit
	Unit Shipping Weight -	13 lbs. 63 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 temperatures are above 50°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.

Surface Preparation: Good surface preparation is essential to a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

New or Unfinished Surfaces - Steel - For application to abrasive blasted steel surfaces only. "Commercial Blast Cleaning" (SSPC-SP6) is recommended as minimum. For immersion service "Near White Blast Cleaning" (SSPC-SP10) is considered minimum. Proper blast media and blasting equipment shall be used to produce an average profile depth of 2.5 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 the surface occurs.

Concrete - Must be clean, dry, properly cured and free from all surface contaminants. "Brush off Blast" (SSPC-SP7) to provide an etched surface and to remove contaminants and laitance. Remove dust before coating. A prime coat of MO-TAR 47 will penetrate concrete and is highly recommended to provide a good base coat prior to application of MO-TAR 47. When applying as a prime coat, thin material up to 20% by volume (25 ounces per gallon).

Previously Finished Surfaces - This coating is for application directly to abrasive blasted ferrous metal or concrete surfaces only. Completely remove all other previous finishes as under "New or Unfinished Surfaces" above.

Thinning: Material is supplied at normal spraying viscosity. Thin up to 1 pint XYLENE 75-15 per gallon if necessary for special conditions.

Application: Spray application is recommended for proper film build and best results. Brush application is acceptable for touch up. Roller application may require special care to prevent bubbling and may require more than one coat to attain proper film thickness. Apply at 16.7 mils wet film thickness to achieve 12.0 mils dry film thickness.

Equipment: Conventional spray - For pressure feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 50-90 psi atomizing pressure and 10-35 psi fluid (pot) pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless Spray - Minimum of 30:1 ratio pump, .017"-.027" tip, 3/8" ID material hose.

NOTE: During lunch, breaks or any period of work stoppage, material should be removed from hoses and equipment. Release pressure from equipment and flush hoses and equipment with the proper thinner. Do not repressurize equipment until ready to resume work.

Cleanup: Clean all equipment immediately after use with XYLENE 75-15. Completely flush all spray equipment with this solvent. 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.

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.