



**Mo-Tar™ C-200
Epoxy Coating
Black 40-AX-7**

Polyamide Coal Tar Epoxy

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

Heavy duty, chemical and corrosion resistant two component coal tar epoxy 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 content. Lead and chromate free.

For industrial, commercial and marine use as a protective coating or lining for steel or concrete piping, tanks, bulkheads, basins, piling, bilges, hulls or other equipment and structures in severe exposures. Excellent for underground and immersion service. Not for potable water contact.

Mo-Tar™ C-200 offers excellent protection in corrosive and severe environments including waste and sewage treatment plants, as well as spill containment dikes and chemical process facilities. Excellent resistance to fresh or salt water, solvents, petroleum products, acids and alkalis. Low VOC and high volume solids content. Temperature resistance (dry) - 300°F. **Meets the requirements of Steel Structures Painting Council SSPC Paint 16, Military Specification DOD-P-23236 Class 2 and Corp of Engineers Specification C-200A.**

Black 40-AX-7

Semigloss

Nonvolatile -	By weight - 85.7 ± 1.0%
	By volume - 78.2 ± 1.0%
VOC (Calculated) -	1.56 lbs./gal. 187 grams/liter
HAPs (Calculated) -	<1.9 lb/solid gal.
Flash Point -	112°F minimum (Setaflash) (mixed)
Mixing Ratio -	4:1 by volume
Weight per gallon -	(A) 11.1 ± 0.2 lbs. (B) 9.7 ± 0.2 lbs.

Recommended Film Thickness per coat - 6.0 - 8.0 mils dry, 7.7 - 10.2 mils wet
Theoretical Coverage @ 8.0 mils dry - 157 sq. ft./gal.

Method - Conventional or airless spray, brush recommended for small areas only
Thinner - Xylene 75-15

Cure time @ 75°F -	To touch	-	4 hours
	To recoat	-	6 hours minimum, 24 hours maximum
	Dry hard	-	48 hours
	For immersion	-	7 days minimum

Pot life @ 75° F - 4 hours minimum

Induction time - 15 minutes @ 77° F (See "Mixing" on back)

Consists of -	1 Gallon Unit	5 Gallon Unit
Part (A)	1 Gallon (SF)	5 Gallon (SF)
Part (B)	1 Quart (SF)	1 Gallon
Unit Shipping Weight	12 lbs.	58 lbs.
(SF) - short filled		

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 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.

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 less critical service. For best performance in areas of high moisture, condensation, splash, spillage, etc., surface preparation should be "Near White Blast Cleaning" (SSPC-SP10). 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™ C-200 will penetrate concrete and is highly recommended to provide a good base coat prior to application of Mo-Tar™ C-200. 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.

Mixing: This is a two component coating supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. (1) Mix the contents of Component A thoroughly with a power agitator. (2) Combine the entire contents of Component A and Component B and mix thoroughly with a power agitator. Allow an induction time of 15 minutes at 77°F and remix before application. At lower temperatures a longer induction time is required.

Thinning: Thin up to 1 pint per gallon with Xylene 75-15 for spray application.

Application: Application by conventional or airless spray 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 10 - 12 mils wet film thickness (depending on amount of thinner added) to achieve 8.0 mils dry film thickness.

NOTE: When applying over Inorganic Zinc Primers or porous concrete it may be desirable to apply a thinned "mist coat" and allow tiny bubbles to form. Follow with a full wet coat after bubbles disappear.

Recoat Information: If two coats of Mo-Tar™ C-200 are required to achieve the necessary film thickness, the interval between coats should be as short as possible. For adequate intercoat adhesion, it is important that the second coat be applied as soon as possible after the first coat is firm. If the first coat has cured more than 24 hours, the surface must be abraded by low pressure brush blasting to provide an adequate mechanical bond for recoating.

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" orifice tip, 3/8" ID Teflon 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 MoPoxY™ Brushing Thinner 75-35 or MEK. 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.

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.