



ACRYLIC DRY FOG Flat Black 55-DX-3

Acrylic copolymer emulsion

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

A quick drying, water based acrylic enamel for interior use on properly prepared surfaces. Exhibits “dry fog” spray properties for improved application conditions. Water based, low odor, low VOC. Lead, mercury and chromate free.

For industrial, institutional and commercial use on interior walls, ceilings and structural members in textile mills, warehouses, factories, schools and offices. For use on properly prepared concrete, masonry, wood, galvanized metal, aluminum and primed ferrous metal.

Acrylic Dry Fog offers excellent protection and appearance properties in exposures including mild industrial environments. Fast drying with good application properties. With proper application, this coating exhibits “dry fog” characteristics so that dry overspray can be easily swept up. Overspray will dry sufficiently in a fall of approximately 16 feet with proper application technique and conditions to allow easy clean up (see “Limitations” on back page). Water based, low odor, low VOC. Lead, mercury and chromate free.

Colors: Black. Special colors available subject to minimum order.

Gloss: Flat

Nonvolatile -	By weight - 55.9.0 ± 2.0%
	By volume - 41.6 ± 1.0%
VOC (Calculated) - (without water)	0.33 lbs./gal. 73 grams/liter
Flash Point -	>250°F (Setaflash)
Weight per gallon -	11.0 ± 0.2 lbs.

Recommended Film Thickness - 2.0 mils dry, 4.8 mils wet
Theoretical Coverage @ 2.0 mils dry - 333 sq. ft./gal.
Method - Conventional or airless spray
Thinner - water
Dry time @ 75°F -
To touch - 15 minutes
To handle - 30 minutes
To recoat - 2 hours

Consists of - 5 Gallon Unit
Unit Shipping Weight 58 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 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. Humidity should be less than 85% for proper application and "dry fog" properties. Do not apply to uncured wood or masonry. Do not apply when there is a threat of rain or moisture condensing on the uncured paint. Do not apply in direct sun or on hot surfaces.

NOTE: As temperature decreases and/or humidity increases, the distance required for dry fog will increase. Conditions should be fully evaluated prior to application to insure that proper application requirements will be met. Remove all fall out from application as soon as possible before traffic and/or heat cause the coating to adhere to surfaces.

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, rust, loose or cracked paint or other contamination.

New or Unfinished Surfaces: **Wood:** Remove sap with mineral spirits. Spot prime nail heads, siding joints, etc. prior to caulking. Allow caulk to dry thoroughly before painting. Spot prime knots. Sand rough areas as required. Prime with WEATHER-TITE™ 100% Acrylic Latex Universal Primer, 6-6. **Ferrous metal:** Remove rust and prime with RUS-KIL® Primer 10-series or ACR-A-LAC™ Latex Primer 330-7. **Galvanized metal:** Remove oil with mineral spirits. For best results, prime with WEATHER-TITE™ 100% Acrylic Latex Universal Primer, 6-6 or ACR-A-LAC™ Latex Primer 330-7. **Masonry:** Must be fully cured, dry and clean. Allow a minimum of 30 days cure time. If surface is chalky, power 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. Porous concrete block should be coated with Bloc-Seal 19-10 or Bloc-Fil 60-7 to fill the pores. **Aluminum:** Clean and etch with a phosphoric acid based cleaning solution. Rinse well and allow to dry. For best results, prime with WEATHER-TITE™ 100% Acrylic Latex Universal Primer, 6-6.

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 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: Tinting is not recommended

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

Thinning: This product is supplied at airless spray viscosity. If thinning is necessary thin up to 1/2 pint per gallon with water.

Application: Apply by conventional or airless spray. Brush application may be used for small areas and roller application is not recommended. Apply at 4.8 mils wet film thickness which will yield 2.0 mils dry film thickness.

Equipment: Brush - Use a good quality nylon brush. 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, .013"-.015" orifice tip, 1/4" ID material hose.

Cleanup: Clean all equipment immediately after use with warm, soapy water. Completely flush all spray equipment with this solution. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging. Final flushing of spray equipment with mineral spirits will help prevent corrosion.

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.