



BAR-OX®
Interior/Exterior Oil/Alkyd
Gloss Enamel
DP581XX

DESCRIPTION

BAR-OX® Interior/Exterior Alkyd Enamel Paint provides tough protection in challenging environments. Bar-Ox paint is ideal for safety equipment, pipe identification and farm implements. Bar-Ox Interior/Exterior Alkyd Enamel Paint is also effective on metal surfaces such as machinery, equipment, piping and tank exteriors. It provides excellent protection to metal surfaces, masonry, wood and wallboard, and can also be used as a trim enamel.

FEATURES/BENEFITS

Features	Benefits
Durable finish	Endures wear and tear in high traffic areas
Interior or exterior usage	Provides versatility for multiple usage
Protects against atmospheric corrosion	Extends use of painted surfaces
Excellent flow and leveling	Provides a smooth finish
Washable and scrubbable	Withstands frequent cleanings
Good abrasion resistance	Sustainable in tough conditions
Excellent resistance to grease, oil and water	Makes the surface easy to clean

SPECIFICATION DATA*

*Specification data calculated on DP58149

Color/Tint Bases:

- DP58101 White
- DP58103 Black
- DP58106 Safety Red
- DP58158 Safety Yellow
- DP58172 Safety Orange
- DP58111 Medium Green
- DP58117 Machine Gray
- DP58136 Architectural Brown
- DP58149 High Hide Base**
- DP58153 Medium Tint Base**
- DP58155 Deep Tint Base**
- DP58157 Clear Tint Base**

**Must be tinted before use.

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

Finish:

Gloss, 80 units @ 60° minimum

Clean-up Solvent:

Mineral Spirits or VM&P Naphtha

Resin:

Alkyd

Density:

9.34 lbs/gal (1.12 kg/L)

VOC:

431 g/L (3.59 lbs/gal)

Solids:

Volume - 46% ± 1%
 Weight - 58% ± 1%

Practical Coverage:

Apply at 300-400 sq ft/gal (7-10 m²/L).
 Actual coverage may vary depending on substrate and application method.

Flash Point:

105°F (41°C)

Dry Time 77°F (25°C) & 50% RH:

To touch – 1-2 hour
 To handle – 4-6 hours
 To recoat – Overnight

Shelf Life:

1 year minimum - unopened

Read Label and Material Safety Data Sheet Prior to Use. See other cautions on last page.

SURFACE PREPARATION

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, rust scale, loose and flaking paint and other foreign substances.

NEW SURFACES: Steel - Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6). Performance over hand or power-tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product. Galvanized Metal and Aluminum - Prime galvanized metal with a galvanized metal primer. Prime aluminum with this product. **Drywall** - Prime with the appropriate primer. **Wood** - Interior, prime with an interior alkyd primer. Exterior, spot prime pine knots with the appropriate primer. Prime entire surface with an exterior alkyd primer. Caulk with latex-type caulk. Concrete, Plaster and Masonry - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with the appropriate primer. Fill concrete block with a latex block, then prime interior block with the appropriate primer.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull

glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz (473 mL) liquid household bleach and two oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. All areas failed by rusting, peeling, blistering, etc., must be wire brushed and scraped to remove all loose or loosely adhering material. Prime bare areas with primer specified under **NEW SURFACES**. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product. Surfaces in good condition generally may be done with one coat.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

DIRECTIONS FOR USE

TINTING: Tint the appropriate base with universal colorants.

SPREADING RATE: Apply at 300-400 sq ft/gal (7-10 m²/L) or 4.0-5.3 mils wet (1.8-2.4 mils dry). Actual coverage may vary depending on surface preparation and application method. For best hiding, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

IMPORTANT: Alkyd or oil-based enamels may yellow in time in the absence of light, especially sunlight.

APPLICATION: Mix thoroughly before use. May be applied by brush, roll or spray. Do not thin. For airless spray, use a .013" tip. Adjust pressure as needed. Do not apply in damp weather or when surface or air temperature is below 40°F (4°C). Provide good

ventilation and warmth for normal drying. Two coats will provide best durability and uniformity.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in one to two hours, to handle in four to six hours, and to recoat overnight. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with mineral spirits or VM&P Naphtha.

WASHING INSTRUCTIONS: Allow at least seven days after application before washing. Use non-abrasive, mild detergent and cellulose sponge.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL OR FATAL IF SWALLOWED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Can enter lungs and cause damage. Keep away from heat and flame. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes.. Get medical attention immediately. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

SHIPPING

FREIGHT CLASSIFICATION:
Paint, Combustible Liquid, PGIII

PACKAGING:
1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:
105°F (41°C)



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