

**Devoe®
Paint**

BAR-OX®

Alkyd Gloss Enamel

DP581XX

DESCRIPTION

A premium quality alkyd gloss enamel for use on machinery, equipment, piping and tanks. Fast dry provides maintenance with minimum plant interruption. Free of mercury, lead and chromate hazards.

Ideal for safety equipment and pipe identification. Provides excellent protection to metal surfaces as well as masonry, wood and wallboard. Also used as a trim enamel.

FEATURES

- Durable high gloss finish
- High hiding
- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- Washable and scrubbable
- Good abrasion resistance
- Easy application — brush, roll or spray
- Excellent resistance to grease, oil and water

COMPOSITION

- Alkyd Resin
- Pigmentation varies with color

SPECIFICATION DATA

Color: White, custom and ready-mix colors

Finish: Gloss, 85 units minimum @ 60°

Weight / Gallon: 8.8 lbs./gal. (1.05 kg/L)

VOC: 3.57 lbs./gal. (428 g/L)

Solids By Volume: 45% + 1%

Theoretical Coverage at 1.0 mil Dry: 722 sq. ft./gal.
(18 m²/L)

Recommended Film Thickness: 2.0-2.5 mils (50-63 microns)
dry — 4.5-5.5 mils (113-138 microns) wet

Service Temperature Limit: 200°F (93°C) in air (Temperature limit for DP58138 is 400°F, 204°C)

Flash Point: 105°F (41°C)

Dry Time @ 77°F (25°C) & 50% RH:

To touch — 1 hour

To handle — 4-6 hours

To recoat — Overnight

Clean-up Solvent: Mineral Spirits or VM&P Naptha

Shelf Life: 1 year minimum — unopened

PERFORMANCE DATA

PROPERTY	TEST METHOD	RESULTS
Abrasion Resistance	ASTM D 4060, Tabor, CS-10 wheels, 500g load, 1000 cycles	40mg loss
Pencil Hardness	ASTM D 3363	2B - B
Flexibility	ASTM D 1737, 1/8" mandrel	No cracking or flaking
Elongation	ASTM D 522, conical mandrel	15.5%
Salt Spray (Fog) Resistance	ASTM B 117, 500 hours	1/16" rust creepage at scribe

S U R F A C E P R E P A R A T I O N

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

NEW SURFACES: STEEL - Prime with metal primer DP 13101 or DP 279XX. **Galvanized Metal and Aluminum** - Prime with metal primer DP 13201 or DP 279XX. **Wood** - Interior, prime with alkyd primer DR 8801. Exterior, spot prime knots with latex primer DR 1502. Prime entire surface with alkyd primer DR 1102. **Drywall** - Prime with latex primer DR 51701. **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 interior concrete or plaster with latex primer DR 51701. Prime exterior concrete with latex primer DR 1502. Fill concrete block with latex block filler DV 52903, then prime interior block with latex primer DR 51701 or prime exterior block with latex primer DR 1502.

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. Prime bare areas with primer specified under **NEW SURFACES**. Prime severely weathered exterior surfaces with alkyd primer DR 1102. 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.

D I R E C T I O N S

TINTING: Tint the appropriate base with ICI Paints Colorants. For improved hiding and deeper colors, tint the Neutral Base with Industrial Colorants.

SPREADING RATE: Apply at 291-353 sq. ft./gal. (7-9 m²/L) or 4.5-5.5 mils wet (2.0-2.5 mils dry). Actual coverage may vary depending on substrate 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). Two coats will provide best durability and uniformity. Surfaces coated with this product may become slippery when wet. For additional slip resistance in areas of pedestrian traffic, add one pound per gallon of coarse pumice or other texturing material.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in one hour, 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.

P R E C A U T I O N S

WARNING! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD – CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

NOTICE: This product contains solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call (800)545-2643. For additional safety and chronic hazard information, refer to the Material Safety Data Sheet for this product. **See label analysis for list of hazardous ingredients.** Keep away from heat, sparks and flame. **Do not** smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Vapors may spread long distances.

When spray applying in confined or enclosed areas, use portable explosion-proof lighting and ventilating equipment connected to exterior self-contained power source. Non explosion-proof equipment must be placed well away from areas

where vapors may collect. Use non-ferrous tools and wear conductive and non-sparking shoes in areas where explosion hazards exist.

Keep closures tight and upright to prevent leakage. Keep container closed when not in use. Store below 100°F. Do not incinerate closed containers as they may explode when exposed to extreme heat or fire. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Avoid contact with eyes and skin. Impervious clothing, footwear and equipment including gloves and splash-proof goggles should be worn, especially when spray applying. **Do not** take internally. **Avoid** breathing of vapor, spray mist or sanding dust. Wear an appropriate, properly fitting respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

FIRST AID: In case of skin contact, wash off **quickly** with plenty of water, then soap and water; remove contaminated clothing. For eye contact, flush **immediately** with large amounts of water, especially under lids, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. Restore and support continued breathing. Have trained person give oxygen if necessary. If discomfort persists or any breathing difficult occurs, **get medical help.**



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