



MIRROLAC® WB

High Performance Acrylic
Interior/Exterior Waterborne
Gloss Enamel
DP84XX

DESCRIPTION

An advanced technology, premium quality, waterborne acrylic gloss enamel for interior or exterior use on properly prepared wood, metal, or masonry surfaces. Bonds to clean glossy, hard surfaces such as aged oil base or alkyd enamels without sanding. This all purpose, non-yellowing finish is ideal for use on walls, equipment, machinery, piping, structural steel, storage tanks, wood or metal trim, shutters, building exteriors, prefinished

siding and metal fences. Ideal for use on windows, doors and shelving without worry of sticking. Features alkyd-like hardness and durability, exceptional adhesion, superior flow and leveling, fast dry, easy application, excellent gloss and color retention, low odor, high hiding and excellent resistance to washing, grease, oil and water. Low VOC. Application characteristics include "Dry Fall" under most conditions. (See Application)

FEATURES

- Alkyd-like hardness and durability
- Good gloss and color retention
- Low odor and water clean-up
- Good flow and leveling
- High hiding
- Non-yellowing
- Washable
- Rapid dry – minimum downtime in plant operations
- Good abrasion resistance
- Bonds to clean glossy surfaces without sanding
- Easy application – brush, roll or spray
- All purpose finish for multiple surfaces
- Highly flexible – resists peeling and chipping
- Excellent resistance to grease, oil and water
- Low VOC
- Approved for MPI #114

COMPOSITION

- Advanced Technology Acrylic Resin
- Pigmentation varies with color
- Not formulated with lead or mercury containing materials

SPECIFICATION DATA

Color: White, ready-mix and custom colors
Finish: Gloss (80 units minimum @ 60°)
Clean-up Solvent: Soap and water
Density: 10.3 lbs./gal. (1.28 kg/L) – varies with color
Recommended Film Thickness: 1.5-2.0 mils dry – 3.5-5.0 mils wet
Service Temperature Limits: 200°F (93°C) in air
VOC: 1.59 lbs./gal. (190 g/L) – varies with color

Solids: Volume – 41% + 2% - varies with color
Practical Coverage: Apply at 344-460 sq. ft. per gallon (8-11 m²/L) or 3.5-5.0 mils wet (1.5-2.0 mils dry) depending on surface texture and porosity.
Flash Point: Non-flammable
Dry Time @ 77°F (25°C) & 50% RH:
 To touch – 1 hour
 To recoat – 2 hours
Shelf Life: Over 1 year

PERFORMANCE DATA

PROPERTY	TEST METHOD	RESULTS
Adhesion	ASTM D3359, Method A	Excellent: 5A, No peeling or removal
Hardness	ASTM D3363, Pencil	Very Good: B
Flexibility	ASTM D1737, 180° bend, 1/8" mandrel	Excellent: No cracking or flaking
Direct Impact Resistance	ASTM D4585, Gardner Impact Tester	Very Good: > 100 in-lbs
Abrasion Resistance	ASTM D4060, Tabor CS17, 1000g load	Good: 260mg loss/1000 cycles
Stain Resistance (Coffee, Grape Juice, Mustard, Lipstick, Food Coloring)	ASTM D1308, washed with soap and water after 24 hours contact	Excellent: No effect
Block Resistance	ASTM D2793, 2 kg/in2 @ 120°F	Excellent: No sticking

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, wax, polish, mildew, form release agents, curing compounds and foreign matter. Remove all loose paint, rust and scale by scraping and wire brushing. Scuff sanding is required only on glossy, hard, slick or dense surfaces in exterior areas or other areas which are subject to high levels of moisture.

NEW SURFACES: STEEL - Prime with waterborne metal primer DP 85XX or solventborne metal primer DP 13101 and allow to dry overnight. **Galvanized Metal and Aluminum** - Prime with waterborne metal primer DP 85XX and allow to dry overnight. **Wood** - Interior, set nails and fill holes with latex spackle. Sand smooth. Dust clean. Self-prime or prime with latex primer DR 51701. Do not use this product with lacquer undercoats. Exterior, spot prime pine knots with latex primer DR 1502. Prime entire surface with latex primer DR 1502. **Drywall** - Interior, prime with latex primer DR 50801 or 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 this product or with latex primer DR 51701. Prime exterior concrete with latex primer DR 1502. Fill concrete block with latex block filler DV 52903.

NOTE: In areas of frequent hand contact and cleaning, such as cabinets or interior doors, a clear coat of a waterborne gloss or satin compatible varnish or sealer is

recommended depending on the final sheen level desired.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Sanding is not required if the surface is properly and thoroughly cleaned (scuff sanding is required only on glossy, hard, slick or dense surfaces in exterior areas or other areas which are subject to high levels of moisture). 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 porous flat interior surfaces with latex primer DR 51701 or for exterior surfaces prime with latex primer DR 1502. Can be used self-primed over previously painted surfaces followed by a finish coat of this product.

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.

SPREADING RATE: Apply at 344-460 sq. ft./gal. (8-11 m²/L) or 3.5-4.7 mils wet (1.5-2.0 mils dry). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers toward finish coat color. Certain colors such as yellow, orange and pink may require multiple coats.

APPLICATION: Mix thoroughly before use. May be applied by brush, roll or spray. No thinning required. Due to fast dry, brushing should be limited to small areas where a wet edge can be maintained. Rinse out brush in warm water periodically during extended brush application periods. For improved brushing, add up to eight oz/gal of DEVOE MIRROLAC-WB Retarding Additive DP 8345 (do not exceed this level). If touch-up is required after the enamel has set, wait until it has thoroughly dried. For airless spray, use a .013" tip. Adjust pressure as needed. Use two coats of this enamel for maximum durability and uniformity. Do not apply when surface or air temperature is below 50°F (10°C) or if rain or heavy dew is expected within 12 hours of application. Dry overspray can be wiped or washed from most surfaces.

Satisfactory dry-fall performance depends upon the height of work, weather conditions and equipment adjustment. Low temperature and high humidity are of particular concern. Test for each application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off. Note: Heat can fuse dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that exterior surface temperature can be higher than air temperature.

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

CLEAN-UP: Clean immediately with warm, soapy water.

WASHING INSTRUCTIONS: Do not wash in less than seven days after application. Use a non-abrasive, mild detergent and water and a cellulose sponge. Do not attempt to clean the dried film with cleaners that contain ammonia and/or solvent such as window, tile or appliance cleaners.

P R E C A U T I O N S

CAUTION! SEE LABEL OR MSDS FOR LIST OF HAZARDOUS INGREDIENTS. KEEP OUT OF REACH OF CHILDREN.

May cause eye, skin, nose and throat irritation.

Use only with adequate ventilation. Do not breathe vapors, spray mists or sanding dusts. If indoors, open windows and doors to ensure continuous flow of fresh air during mixing, application, drying and sanding. When spray applying or if you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent), or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided, wear an approved particulate respirator (TC21C or equivalent). Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin or on clothing. Use safety eyewear with splash guards. Do not take internally.

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. In case of eye contact, flush with large amounts of water for at least 15 minutes. **Get medical assistance.** In case of skin contact, wash area thoroughly with soap and water. Remove soiled clothing. **Get medical assistance** if irritation persists. Wash clothing before reuse. If swallowed DO NOT INDUCE VOMITING. **Get medical assistance immediately.**

Keep container closed when not in use. Do not store above 110°F. Keep from freezing. Do not transfer contents to bottles or other unlabeled containers. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Do not incinerate closed containers. In case of fire use CO₂, Dry Chemical, Foam or other approved method for treating a Class B fire. Do not use water. Summon professional fire-fighters.

See Material Safety Data Sheet for complete Safety and Precautionary requirements.



ADSTOCK #78708

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When It's Worth Doing Right!

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.



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