

Product Data Sheet



Aquanamel® Waterborne Alkyd Enamel

Z0700 Series – Satin

Z0800 Series – Semi-Gloss

Z0900 Series – Gloss

Aquanamel® Waterborne Alkyd Enamel is a premium quality coating that offers superb flow and leveling and a smooth, durable finish. It provides the convenience and ease of use of a waterborne coating with the application and performance of a traditional oil-based paint. It is easy to apply and cleans up with soap and water. It is ideal for use on interior or exterior trim, doors and cabinets.

- Superb flow & leveling for a smooth, uniform finish
- Cures to a hard, durable finish
- Excellent brush, roll, and spray application
- Extended open time
- Cleans up with soap & water – no solvents required
- Corrosion and chemical resistant
- Low VOC – less than 50 g/L

Recommended Uses

Recommended for use on interior or exterior trim, doors, cabinets, walls, ceilings, drywall, plaster, wood, masonry, metal and previously painted surfaces

Recommended Systems

Drywall:

1 coat Pratt & Lambert® Drywall Primer
1-2 coats Aquanamel® Waterborne Alkyd Enamel

Masonry (cured 30+ days):

1 coat Pratt & Lambert® Multi-Purpose Waterborne Primer
1-2 coats Aquanamel® Waterborne Alkyd Enamel

Concrete Block:

For a filled effect use 1 coat Pro-Hide® Silver Latex Block Filler
1-2 coats Aquanamel® Waterborne Alkyd Enamel

Plaster (cured 30+ days), Wood:

1 coat Pratt & Lambert® Multi-Purpose Waterborne Primer
1-2 coats Aquanamel® Waterborne Alkyd Enamel

Metal

1 coat Pratt & Lambert® Multi-Purpose Waterborne Primer
1-2 coats Aquanamel® Waterborne Alkyd Enamel

Technical Data

Vehicle: Urethane modified alkyd

Finish: **Satin** 25-35 units @ 60°
Semi-Gloss 40-50 units @ 60°
Gloss >65 units @ 60°

Flash Point: N/A

Volume Solids*: **Satin** 32 ± 2%
Semi-Gloss 36 ± 2%
Gloss 35 ± 2%

Weight Solids*: **Satin** 50 ± 2%
Semi-Gloss 54 ± 2%
Gloss 51 ± 2%

Weight/Gallon*: **Satin** 11 lbs.
Semi-Gloss 11.2 lbs.
Gloss 10.7 lbs.

VOC: VOC < 50 g/L – 0.42 lb/gal as per 40 CFR 59.406

Spread Rate: 400 sq. ft. per gallon

Film Thickness: **Satin** @ 4 mils wet; 1.4 mils dry
Semi-Gloss @ 4 mils wet; 1.4 mils dry
Gloss @ 4 mils wet; 1.4 mils dry

* Product data calculated on Bright White / Base

Drying Time (@ 77°F, 50% R.H.):

Note: Drying times are temperature, humidity, and film thickness dependent.

To Touch: 1-2 hours
To Recoat: 4 hours

Reduction: Not recommended

Tinting: Universal colorants

Bases/Colors Per Finish:	Sa	S-G	G
Super One-Coat® White	✓	✓	✓
Bright White / Base	✓	✓	✓
Pastel Base	✓	✓	✓
Deep Base	✓	✓	✓
Neutral Base	✓	✓	✓

Sizes: Quart, 1-Gallon, 5-Gallon Pails

As of 12/2016, complies with:

	Sa	S-G	G
OTC	✓	✓	✓
EC	✓	✓	✓
SCAQMD	✓	✓	✓
CARB	✓	✓	✓
LADCO	✓	✓	✓

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Surface Preparation

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

To ensure proper adhesion, the surface to be painted must be free of dirt, dust, oil, grease, wax, rust, and any other surface contaminants. Clean surface using an appropriate cleaner. Rinse thoroughly and allow to dry. Sand or scrape surface to remove any loose paint and to smooth old surfaces. Dull glossy surfaces by using 150 grit sandpaper. Fill cracks and holes with spackling paste to smooth uneven areas. When dry, sand and remove sanding dust.

Drywall: Wipe with a damp cloth to remove dust. Allow to dry. Fill cracks & holes with spackling compound and sand smooth. Joint compound must be cured and sanded smooth. Remove all sanding dust.

Masonry, Concrete Block: All new surfaces must be cured according to the supplier's recommendations—usually at least 30 days – and have a pH less than 9. Remove all form release and curing agents, efflorescence, salts, laitance, and other foreign matter. Patch cracks and holes with an appropriate filler. Rough surfaces may be filled to provide a smooth surface.

Plaster: All new surfaces must be hard and cured according to the supplier's recommendations—usually at least 30 days. Treat textured, soft, porous, or powdery plaster with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with water and allow to dry.

Wood, Pre-Primed Fiberboard, Hardboard, Plywood: Sand any exposed wood to a fresh smooth surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. Remove all sanding dust.

Aluminum and Galvanized Metal: Wash with appropriate cleaner to remove any oil, grease, or other surface contamination using a water-based cleaner-degreaser. Remove all corrosion with sandpaper, steel wool, or other abrading method.

Caulking: Fill gaps between walls, ceilings, crown moldings, and other trim with latex or siliconized latex caulk after priming the surface.

Mildew: Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the mildewed area for 10 minutes. Rinse thoroughly with water and allow surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.**

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Application

Temperature (air, surface and material):

Apply at temperatures above 35°F

More than one coat of paint may be necessary for new and uncoated surfaces, dramatic color changes, or when using dark/vibrant colors for optimal appearance and hide.

Airless Spray:

Pressure.....	2000 psi
Tip.....	.013" - .017"
Reduction.....	Not recommended

Brush:

Brush.....	Nylon/polyester
Reduction.....	Not recommended

Roller:

Cover.....	1/4" – 1/2" woven
Reduction.....	Not recommended

Tips to Improve Performance

- Clean the surface thoroughly
- Prepare the substrate to create a uniform surface
- Patch cracks, crevices, and through-wall openings using proper sealant or patch
- Fill voids and openings around windows and doors using proper sealant or patch
- Caulk as needed using quality latex or paintable siliconized latex caulk or sealant

Cautions

- **Protect from freezing**
- **Non-photochemically reactive**

Clean Up

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Pratt & Lambert Paints. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Pratt & Lambert dealer or representative to obtain the most recent Product Data Sheet.