



Aqua Lock® Plus

100% Acrylic Resin Primer / Sealer
AQ-0XXX

General Description

Aqua Lock® Plus is a 100% acrylic primer that provides excellent adhesion to a variety of interior & exterior surfaces. It has superior sealing and coverage qualities, product versatility and is an excellent base coat for both latex and oil-based finish coatings. Aqua Lock® Plus can be used under certain floor coatings. This product contains an agent that inhibits the growth of mildew on the surface of the paint film.

- Excellent adhesion
- Seals porous surfaces
- Blocks household stains
- Water based
- For water damaged substrates

Usage

Primes and seals interior or exterior plaster, drywall, wood, concrete, aluminum, galvanized metal, PVC and tile in commercial, institutional and residential applications. Adheres well to glossy surfaces. Excellent for use under wallcoverings. Blocks “bleed through” from common household stains, water stains, smoke, soot, crayon, lipstick, ball point pen and more.

Colors	White (AQ-0400) – up to 2 fl oz of colorant per gallon may be added Black (AQ-0420)
Bases	Deep Tint Base (AQ-0577)
Colorant System	Gennex®, Color Preview® or Universal Colorants

Technical Data

Vehicle	100% Acrylic
Pigment	Titanium Dioxide
Volume Solids	41 ± 2%
Spread Rate Per Gallon	300 – 400 Sq. Ft.
Recommended Film Thickness	Wet: 4.0 – 5.3 mils Dry: 1.6 – 2.2 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.	
Dry Time @ 77 °F (25 °C) @ 50% RH	To Touch: 30 Minutes To Recoat: 1 hour
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Surface Temperature During Application	Min: 50 °F Max: 90 °F
Viscosity	97 ± 4 KU
Flash Point	None
Sheen / Gloss	3 – 6 @ 60°
Clean Up	Warm, soapy water
Thinner	Do not thin
Weight Per Gallon	11.1 lbs.
Storage Temperature	Min: 40 °F Max: 90 °F
VOC	< 50 g/L

Surface Preparation

General – All surface areas to be painted should be clean, dry, sound and free of all dirt, grease, oils, waxes, mildew and any other surface contaminants that can cause paint failure. Dirt and chalk should be thoroughly removed by scrubbing with warm soapy water. Surface wax should be removed with a commercial wax stripper. Grease residue should be removed with a cleaner. Remove all loose chipping, cracking and peeling from previously painted surfaces by hand scraping, sanding, wire brushing and/or by use of power tool cleaning methods such as electric sanders, grinders, etc. Remove any loose rust, mill scale, rust deposits from metal surfaces by the same methods described above.

Repair/replace any seriously damaged and/or delaminated surface areas. Lightly feather sand all rough paint edges to adjacent surface area. All glossy surface areas should be lightly sanded to effectively dull any existing sheen and create a more suitable surface for painting.

Mildew – Surface areas affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a non-ammoniated detergent cleaner mixed with one part household bleach* and three parts warm water, per gallon solution. Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 hours to dry.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

Glossy Surfaces – Aqua Lock® Plus is formulated to be applied to hard to coat surfaces without the need for sanding, it is recommended that proper surface preparation still be completed to enhance adhesion properties. Surfaces such as Formica, ceramic tile and glossy painted surfaces should be properly deglossed. Once applied, allow Aqua Lock® Plus to cure for approximately 3 to 4 days to achieve maximum resistance to scrape off. However, Aqua Lock® Plus may be top coated with a quality latex or oil-based finish within 1 to 2 hours, depending on overall drying conditions.

Stains – As a stain blocker, Aqua Lock® Plus provides excellent stain blocking properties against common stains, such as water stains, tannin, smoke stains, graffiti, crayons, lipstick and fingerprints. However, it is recommended to thoroughly clean the affected surface areas as directed above before application. Some difficult stains may require two prime coat applications.

Compliance & Certifications

FEDERAL	✓
OTC	✓
OTC II	✓
CARB	✓
CARB07	✓
CARB19	✓
UTAH	✓
AZMC	✓
SCAQMD	✓

Eligible for LEED® v4	✓
CDPH Emissions Certified	✓
Eligible for CHPS low emitting credit (Collaborative for High Performance Schools)	✓
MPI	39

Limitations

- Apply when surface and ambient temperatures are above 50 °F and below 90 °F.
- Not for use on pressure treated decks.

Technical Assistance

Available through your local authorized independent retailer.

call 1-866-708-9180
visit www.insl-x.com

Application

Aqua Lock® Plus applies easily with a quality brush, roller, airless, HVLP or conventional spray methods. Stir product thoroughly before using. For best results, it is recommended to apply by brush or roller application to effectively work primer into surface pores. When applying by brush, apply a smooth and generous coat application in an “M” or criss-cross motion avoiding any excessive re-spreading or reworking. When applying by airless sprayer, it is recommended that the surface area should be back-rolled/brushed to ensure proper adhesion, even application and effectively work primer into surface pores. It is important to maintain a wet edge during all methods of paint application by brushing or rolling into previously applied coating area. Apply when surface and ambient temperature are above 50 °F and below 90 °F. Avoid application outside when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on wet paint. Do not paint if surface temperature is within 5 degrees of the dew point.

Spray, Airless:

Pressure / 2,000 – 3,000 PSI

Tip / 0.015 – 0.019

Clean Up

Wash brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental Health & Safety Information

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

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 a 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 Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.



WARNING Cancer and Reproductive Harm— www.P65Warnings.ca.gov

Refer to the product label & Safety Data Sheet for product specific information.

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IN CASE OF SPILL – Absorb with inert material and dispose of as specified under “Clean Up”.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for additional health
and safety information.**