



AQUA LOCK® PLUS

100% ACRYLIC PRIMER SEALER

AQ-0XXX

Features

- Outstanding sealing properties
- Smooth base for latex or oil topcoats
- Provides a mold-resistant coating
- Low VOC
- Dries Quickly – recoat in one hour
- Prevents stains from bleeding through finish coat
- Good adhesion to glossy Surfaces
- Can be used under wallcoverings

Recommended For

Drywall, plaster, acoustical tile, wood trim & doors, formica, ceramic, glossy surfaces, PVC, wood siding, fences, trim, shutters, tannin-rich woods such as cedar & redwood, masonry walls, stucco, concrete, cement block, galvanized metal, etc. Can also be used under wallcoverings for easy positioning and removal.

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. It offers excellent stain blocking properties for water stains, wood tannin, fingerprints, smoke, crayons and more. 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.

Limitations

- Apply when surface and ambient temperature is above 50 °F (10 °C) and below 90 °F (32 °C).

Product Information

Colors — Standard:

White (AQ-0400), Black (AQ-0420)

White can be tinted with up to 2 fl. oz. of colorant

— Tint Bases:

Deep Tint Base (AQ-0577)

Tint with Benjamin Moore® Gennex®, Color Preview® or Universal colorants

— Special Colors:

Contact your dealer.

Certifications & Qualifications:

VOC compliant in all regulated areas

The product supported by this data sheet contains a maximum of 50 grams per liter VOC/VOS (0.42 lbs. /gal.) excluding water and exempt solvents.

Master Painters Institute MPI # 39

Technical Assistance:

Available through your local authorized independent dealer.

For the location of the dealer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com/inslx

Technical Data[◇]

White

| | | |
|--|---|----------------|
| Vehicle Type | 100% Acrylic | |
| Pigment Type | Titanium Dioxide | |
| Volume Solids | 41 ± 1.0% | |
| Coverage per Gallon at Recommended Film Thickness | 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 | – Tack Free | 30 Minutes |
| | – To Recoat | 1 Hour |
| | – To Cure | 3 to 4 Days |
| High humidity and cool temperatures will result in longer dry, recoat and service times. | | |
| Dries By | Coalescence | |
| Viscosity | 95 – 100 KU | |
| Flash Point | 200 °F or greater (TT-P-141, Method 4293) | |
| Gloss / Sheen | Flat | |
| Surface Temperature at Application | – Min. | 50 °F |
| | – Max. | 90 °F |
| Thin With | Do not Thin | |
| Clean Up Thinner | Warm Soapy Water | |
| Weight Per Gallon | 11.1 lbs. | |
| Storage Temperature | – Min. | 40 °F |
| | – Max. | 90 °F |

Volatile Organic Compounds (VOC)

45 Grams/Liter 0.37 Lbs./Gallon

[◇] Reported values are for White. Contact dealer for values of other bases or colors.

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 – Although 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 finger prints. 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.

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. Carefully clean up 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.

Application

Aqua Lock® Plus Latex Stain Blocker 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. If applying by airless sprayer, it is recommended to use a unit with a minimum of 2000 PSI of pressure with a 0.017 – 0.021 fluid spray tip. When applying by airless sprayer, it is recommended that the surface area should be back-rolled/brushed to insure 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 paint 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 °F of the dew point.

Clean Up

Remove all spatters immediately with soap and water. Wash all equipment with soap and water immediately after use.

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. May cause allergic skin reaction. 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: Cancer and Reproductive Harm–
www.P65warnings.ca.gov

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

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.**