



AQUA LOCK® PLUS

100% ACRYLIC PRIMER, SEALER, STAIN BLOCKER
AQ-0XXX

Features

- Outstanding sealing properties
- Smooth base for latex or oil topcoats
- Provides a mould-resistant coating
- Low VOC
- No solvent odour
- Prevents stains from bleeding through finish coat
- Good adhesion to glossy Surfaces
- Dries Quickly – recoat in one hour
- 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. 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 10 °C (50 °F) and below 32 °C (90 °F).
- Not for use on floors or pressure treated decks.

Product Information

Colours — Standard:	Technical Data [◇]	White
White (AQ-0400), Black (AQ-0420)	Vehicle Type	100% Acrylic
— Tint Bases:	Pigment Type	Titanium Dioxide
N/A	Volume Solids	40.5 ± 1.0%
— Special Colours:	Coverage per 3.79 L at Recommended Film Thickness	32.5 – 37.2 sq. m. (350 – 400 sq. ft.)
Contact your dealer.	Recommended Film Thickness	– Wet 4.3 mils – Dry 2.0 mils
Certification:	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.	
The product supported by this data sheet contains a maximum of 50 grams per litre VOC/VOS excluding water & exempt solvents.	Dry Time @ 25 °C (77 °F) @ 50% RH	– Tack Free 30 Minutes – To Recoat 1 Hour
This product is compliant as a Primer/Sealer/Undercoater.	High humidity and cool temperatures will result in longer dry, recoat and service times.	
This product meets the qualifications for LEED (Leadership in Energy and Environmental Design) projects as a flat coating.	Dries By	Evaporation
Master Painters Institute MPI # 39	Viscosity	95 – 100 KU
Technical Assistance:	Flash Point	93.2 °C (200 °F) or greater (TT-P-141, Method 4293)
Available through your local authorized independent Insl-x® dealer. For the location of the dealer nearest you, call 1-800-225-5554 or visit www.insl-x.ca	Gloss / Sheen	Flat
	Surface Temperature at Application	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
	Thin With	Do not Thin
	Clean Up Thinner	Warm, Soapy Water
	Weight Per 3.79 L	5 kg (11.1 lbs)
	Storage Temperature	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
	Volatile Organic Compounds (VOC)	
	50 Grams/Litre	

◇ Reported values are for White. Contact dealer for values of other bases or colours.

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 in accordance with SSPC – (Steel Structures Painting Council) specifications for the proper surface preparation of metal surfaces.

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 3.79L solution. Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 – 48 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php

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 12.8 °C (55 °F) and below 32.2 °C (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° of the dew point.

Clean Up

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

Environmental, Health & Safety Information

May cause allergic skin reaction.

Do not get on skin or clothing.

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

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

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