



PRODUCT DATA SHEET

PROD. #705
H2O FUSION WATERBORNE ALKYD
UNIVERSAL PRIMER/SEALER STAIN KILLER



PRODUCT DESCRIPTION



H2O Fusion Waterborne Alkyd Universal Primer/Sealer Stain Killer is a specially formulated universal primer/sealer that incorporates a state-of-the-art waterborne alkyd resin system. Its special formulation is designed to block out most stains, such as water, smoke, tannin, ink, lipstick, crayons, pencils, markers, etc., while providing excellent coverage, and excellent product versatility. Easy to apply, it is rust inhibitive, resists sagging, has excellent adhesion, is mildew resistant, and provides excellent priming and sealing properties. Its low VOC and low odor properties are perfect for use in Hospitals, Schools, Factories, Food Processing Plants and Government Institutions, and makes it an excellent whole house primer for application to a variety of properly prepared interior and exterior substrates. Mildew Resistant – This paint contains agents that inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																												
<ul style="list-style-type: none"> Waterborne Alkyd Formula Excellent Coverage Primes & Seals Stain Blocker Rust Inhibitive Resists Sagging Easy To Apply VOC Compliant 	<p><i>Suitable for the following properly prepared surfaces;</i> INTERIOR / EXTERIOR</p> <table> <tr> <td>Gypsum Drywall</td> <td>Cabinets & Shelving</td> </tr> <tr> <td>Plaster</td> <td>Furniture</td> </tr> <tr> <td>Ceilings</td> <td>Aluminum</td> </tr> <tr> <td>Wood Doors</td> <td>Equipment</td> </tr> <tr> <td>Wood Trim & Siding</td> <td>Ferrous Metal</td> </tr> </table> <p>Great For Both Interior & Exterior use! ❖ Not For Use On Masonry Surfaces & Galvanized or Zinc Coated Metal Surfaces!</p>	Gypsum Drywall	Cabinets & Shelving	Plaster	Furniture	Ceilings	Aluminum	Wood Doors	Equipment	Wood Trim & Siding	Ferrous Metal	<p>Product Quality: Premium / Best Product Use: Interior / Exterior Application: Brush, Roller Cover, Airless Spray Product System: Water-Based Finish: Flat</p>	<table> <tr><td>AIM</td><td>Yes</td></tr> <tr><td>OTC</td><td>Yes</td></tr> <tr><td>CARB</td><td>Yes</td></tr> <tr><td>SCAQMD</td><td>Yes</td></tr> <tr><td>MPI #</td><td>No</td></tr> <tr><td>LEED® 09CI</td><td>Yes</td></tr> <tr><td>LEED® 09NC</td><td>Yes</td></tr> <tr><td>LEED® 09CS</td><td>Yes</td></tr> <tr><td>LEED® H</td><td>Yes</td></tr> </table>	AIM	Yes	OTC	Yes	CARB	Yes	SCAQMD	Yes	MPI #	No	LEED® 09CI	Yes	LEED® 09NC	Yes	LEED® 09CS	Yes	LEED® H	Yes
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SURFACE PREPARATION

General: The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders or grinders, etc.
- For exterior surfaces, pressure wash the entire surface area using a unit with a minimum of 2000 psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or power tool cleaned as mentioned above.
- For metal surfaces, following specifications set forth by **Steel Structures Painting Council** pertaining to solvent, hand tool and power tool cleaning of visible dirt, oils, grease and other soluble compounds, and loose, non-adherent materials, such as paint, rust, mill scale, rust deposits or white rust, etc.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching and/or building materials. Replace old and deteriorated caulking around windows, doors, wall joints or seams, etc. with a quality acrylic caulking compound and allow to dry thoroughly. Allow all patching and caulking materials to dry thoroughly before application of paint coatings.
- Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces to dull existing finish.
- Pressure Treated Wood (PTW) should be allowed to age for 60 – 90 days before painting.

Mildew - Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

- 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 wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

PRODUCT ANALYSIS DATA

PIGMENT: 34.05%

VEHICLE: 65.95%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** White
- TINTING:** Universal Colorants – 2 oz./gal.
- VEHICLE TYPE:** Waterborne Alkyd
- VISCOSITY:** 90 KU ± 3
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** N/A
- VOC:** Not to Exceed 50 g/l – 0.42 lb/gal
(Meets AIM, OTC, CARB & SCAQMD Standards)
- SOLIDS:** By Volume: 45.80% ± 2%
By Weight: 58.42% ± 2%
- COVERAGE:** 350 – 450 Sq. Ft. / Gal.
(Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.
Wet: 4.0 mils **Dry:** 1.8 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 1 – 2 Hours
Recoat: Overnight
- CLEAN UP:** Warm Soapy Water
- THINNING:** Clean Water

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material. However, recommended Richard's finish coatings are not limited to the products listed below;

FLAT FINISHES

- 100, Signature Series 100% Acrylic Int./Ext. Flat House Paint
- 350, Rich Classic Int./Ext. Acrylic House Paint
- 650, Rich Shield Premium 100% Acrylic Flat House Paint

LO-LUSTER/EGGSHELL FINISHES

- 130, Signature Series 100% Acrylic Lo-Luster House & Trim Paint
- 370, Rich Classic Acrylic Eggshell House & Trim Paint
- 630, Rich Wall Premium Latex Eggshell Enamel

SATIN FINISHES

- 360, Rich Classic Acrylic Satin House & Trim Paint
- 400, Signature Series 100% Acrylic Satin House & Trim Paint
- 640, Rich Shield Premium 100% Acrylic Satin House & Trim Paint
- 740, H2O Fusion Waterborne Alkyd Satin Enamel

SEMI-GLOSS FINISHES

- 380, Rich Classic Acrylic Semi-Gloss Enamel
- 680, Rich Shield Premium 100% Acrylic Semi-Gloss Enamel
- 750, Signature Series 100% Acrylic Semi-Gloss Enamel
- 780, H2O Fusion Waterborne Alkyd Semi-Gloss Enamel

GLOSS FINISHES

- 200, Signature Series 100% Acrylic Gloss House & Trim Paint
- 660, Rich Shield Premium 100% Acrylic Gloss House & Trim Paint
- 760, H2O Fusion Waterborne Alkyd Gloss Enamel

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a smooth - medium nap Mohair, synthetic or woven roller cover.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 1500 – 2000 PSI
 - **Tip:** 0.015" – 0.017" Reversible
 - **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- | | | |
|---------------------|-----------------|------------------|
| • Packaging: | Quarts – 6/case | Gallons – 4/case |
| | 2 Gallons – N/A | 5 Gallons – N/A |

- **Weight per Gallon:** 11.24 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and spatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Thinning: Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add clean water up to ½ pint per gallon.

WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 07-13

PRODUCT APPLICATION – General

H2O Fusion Waterborne Alkyd Universal Primer/Sealer Stain Killer may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- For best results, apply this product in thin coats to yield no more than a 4.0 mil wet film thickness, (WFT), and allowing to dry overnight before application of finish coatings.
- When applying by brush, apply a smooth and thin coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respraying or reworking.
- When applying by airless spray equipment use a unit with a minimum of 2000 psi of pressure, with a 0.015" – 0.017" fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, and to work primer coating into surface pores.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

PRODUCT LIMITATIONS

- Not for use with 2-part epoxy or 2-part urethane top-coats.
- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Use chemical safety glasses, goggles or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

KEEP OUT OF REACH OF CHILDREN!