

AQUASEAL II FOR WOOD®



POSITIVE WATERPROOFING FOR WOOD

MADE IN U.S.A.

PRODUCT DESCRIPTION:

ITEM NO. 3500

MONOCHEM AQUASEAL 2 is a clear, water based, acrylic micro emulsion that is chemically modified to promote deep penetration. It develops outstanding water repellency without altering the appearance of the surface or forming a continuous film. It also prevents the penetration of water and moisture which dries out the wood and causes the oil and resins to dissipate. **AQUASEAL 2** protects all wood surfaces from deterioration due to swelling, shrinking or grain raising.

BASIC USES:

AQUASEAL 2 is designed for interior or exterior unsealed / unpainted wood products including solid siding and trim, textured plywood, shakes, shingles, deck lumber, patio furniture, fencing, doors, window sashes, hardboards or particle boards. It is also ideal for difficult surfaces such as rough sawn cedar and T-111 plywood.

ADVANTAGES:

- Excellent waterproofing solution.
- Allows the wood to breathe.
- Helps reduce bleaching due to ultraviolet rays.
- USDA Approved.
- Tintable and Paintable.

LEED CREDITS:

AQUASEAL 2 qualifies for earning LEED® credits for Environmental Quality, EQ 4.2 Low-Emitting Materials, based on low contribution of VOC.

PREPARATION:

1. Wood must be clean and dry (below 13% moisture).
2. Wood that is graying or blackening must be cleaned with the proper wood cleaner to remove dirt, grease, mold, mildew, tannin stain and other penetrating affecting contaminants.
3. Apply **AQUASEAL 2** to unsealed surfaces only. **AQUASEAL 2** CANNOT be applied to previously sealed or stained wood. Always test a small area to determine if the surface can absorb water prior to the application of **AQUASEAL 2**.
4. After cleaning the wood surface, allow a minimum of 2-3 days dry time before application.
5. Painting, caulking and similar fillers should be applied after **AQUASEAL 2** has cured for at least 24 hours in dry weather.
6. Surfaces containing tannin acid (pine, redwood, cedar) should not be treated with **AQUASEAL 2**.

LIMITATIONS:

AQUASEAL 2 will not form a water-proofing membrane and does not seal inaccessible areas. It will not bridge cracks, fill large pores or compensate for flawed construction. Exposed walls must be capped and the backside of parapet walls must be sealed, flashings must be in place and weep holes and drains installed and functioning (where applicable).

TECHNICAL DATA:

Composition	Acrylic Micro Emulsion
Solids by weight (ASTM D2369).....	10% ±2
Weight per gallon.....	8.41 Lbs
Flash point	None
Viscosity	40 KU
Resistance to Ultraviolet Rays.....	Excellent
Resistance to Abrasion.....	Excellent
Resistance to Dust Collection	Excellent
Resistance to Oxidation	Excellent
VOC Level.....	Zero

APPLICATION:

1. Do not apply in direct hot sun.
2. Saturate the wood surface with **AQUASEAL 2**, but do not allow puddles or build a wet film. Work from top to bottom.
3. One coat is recommended. If surface is rough and porous, apply a second coat as soon as the first coat has penetrated. (**wet-on-wet** application).

NOTE: **AQUASEAL 2** is not designed to stop bleeding of tannin acid in redwood, pine or cedar.

CAUTION:

AQUASEAL 2 is not recommended for below grade waterproofing or where hydrostatic pressure is present. **AQUASEAL 2** will not prevent water penetration or help control alkali efflorescence through unsound or cracked substrates. Do not apply in windy conditions or at temperatures below 40°F or above 90°F. Do not apply if rain is anticipated within 24 hours. Allow the surface to dry at least 24 hours after rains or until the surface moisture level is below 13%. Protect shrubbery, plants, grass, glass, metal and other glazed surfaces during application. Clean drips, runs and overspray residue while still wet, using detergent and water. Dried material may require a solution of vinegar and water or petroleum distillates for removal.

MAINTENANCE:

The length of time needed before reapplication will vary depending on exposure as well as the color applied. For clear waterproofing action, reapply every 1-2 years. The addition of 3-4 oz of universal colorants to **AQUASEAL 2** will result in longer product life (3-4 years).

For maximum protection from color change and other UV damages, reapply annually.

7 THERMAL AND MOISTURE PROTECTION

WATER REPELLENTS 07190

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CLEAN UP:

Use soap and water to clean hands and tools while the material is wet. **AQUASEAL 2** will not stain or etch glass and metal, however wash/rinse any overspray or drips while wet. Fully cured resins or dried material will require a strong solvent to remove.

TEST: Because surfaces vary in density, **AQUASEAL 2** must be tested in a small area prior to doing the complete job to insure proper results and determine proper performance, appearance, and proper coverage rates and application procedures.

STORAGE & SHELF LIFE

AQUASEAL 2 is good for one year in original unopened container, stored at room temperature.

PACKAGING:

AQUASEAL 2 is packaged in one-gallon cans, five-gallon pails, and 55-gallon drums.
3500-01: One-Gallon Cans
3500-05: Five-Gallon Pails
3500-55: Fifty-Five Gallon Drums.

PRECAUTIONS

Contact with eyes can create irritation. If in contact, flush the eye area with water for 10 minutes. If swallowed, do not induce vomiting and consult a physician. Use in well ventilated areas. Keep the container tightly closed when not in use. Consult MSDS for additional details.

COVERAGE:

Surface Type Application	One Coat
Shingles and Shakes	50-60 sq/ft/gal.
Redwood, Cedar siding (Smooth)	175-200 sq/ft/gal.
Plywood.....	180-250 sq/ft/gal.
Pine, Fir and Hemlock	150-175 sq/ft/gal.

WARRANTY INFORMATION: MONOPOLE believes that the information in this publication is an accurate description of the typical characteristics and/or uses of the product or products. It is your responsibility to thoroughly test the product in your specific application to determine its safety and performance capabilities. Since use of this product is beyond our control, MONOPOLE, INC. cannot assume any risk or liability for results obtained when not used according to our specifications and directions. Unless MONOPOLE provides a specifically written statement of fitness for a particular use, MONOPOLE'S sole warranty is that the product will meet its current sales specifications. MONOPOLE disclaims any other expressed or implied warranties, including the warranty of merchantability and fitness for use. Your exclusive remedy and MONOPOLE'S sole liability for breach of warranty is limited to a refund of the purchase price or replacement of any product proven to be defective. In no event shall the seller be liable for any loss of profits or other consequential damages, including labor charges.