

AQUASEAL® WET LOOK

Enhances the Color of Concrete, Masonry & Stone Products

TECHNICAL
BULLETIN



MADE IN U.S.A.

PRODUCT DESCRIPTION:

ITEM NO. 6500

AQUASEAL WET LOOK is a water base, one-component modified acrylic-urethane penetrating solution to improve the natural appearance of concrete and masonry. It is formulated to have outstanding adhesion, flexibility, impact, chemical, oil and water resistance. It is designed to seal, protect, and bring out the color in dull or chalky substrates while producing either a semi-gloss.

BASIC USES:

AQUASEAL WET LOOK is used to enhance the natural beauty of stones, pavers, exposed aggregates, concrete and masonry. It is ideal for warehouse and factory floors, garage and auto repair floors, walkways and patios.

AQUASEAL WET LOOK protects against chemicals, oils and stains. It is scrub resistant and cleanable. It is also durable and retains its attractive wet look appearance longer than solvent based epoxies, urethanes or traditional alkyd lacquers coatings.

AQUASEAL WET LOOK conforms to U.S.D.A. requirements for coatings in contact with food.

TYPICAL USES:

- Interior / Exterior
- Warehouse Floors
- Walkways
- Kitchens
- Schools
- Laboratories
- Driveways
- Vertical / Horizontal
- Institutional Maintenance
- Patios
- Food Processing Plants
- Hospitals
- Storage Areas

SUBSTRATES:

- Stamped Concrete
- Unglazed Tile
- Flagstone
- Stucco
- Unpolished Hard Surfaces
- Honed Granite, etc.
- Porous Brick
- Slate
- Saltillo Tiles
- Blocks, Grouts
- Aggregates, Walls
- Tumbled Marble

ADVANTAGES: (Solvent Free, Low VOC, Low Odor)

- U.S.D.A. Approved
- Self-Priming
- Apply by Brush, Roller or Sprayer
- Direct to Substrate
- Low Viscosity
- Extremely Durable
- Non-Yellowing
- Quick Drying, Minimum Downtime
- Outstanding "Wet Look" Appearance

COMPATIBILITY:

Always apply a test patch to ensure the proper coverage, adhesion, compatibility and performance. Responsibility for determining the adhesion and coverage of **AQUASEAL WET LOOK** to an existing finish rests with the applicator.

Application of **AQUASEAL WET LOOK** over existing non-porous, polished or glazed and structurally unsound surfaces may result in compromising the life expectancy of the coating.

TECHNICAL DATA:

Solids by Weight Clear.....	30 ±2%
Solids by Volume, Clear.....	28 ±2%
Finish	Clear, Wet Look
Viscosity, Stomer, KU.....	45-47
Viscosity, #2 Zahn, seconds	13-14
pH	8.6
Weight per 1- gallon Can	9 Lbs
Weight per 5-gallon Pail	45 Lbs
VOC Level.....	<70 g/L

TYPICAL PERFORMANCE:

Adhesion Based on 1 Week Cure on Unetched Dry Concrete:

Patti Pull Test, Pull-off Strength, PSI	850.5
Failure Mode.....	100% Concrete Failure
Moisture Vapor Transmission (ASTM D1653)	92% Minimum
Weatherability (QUV, 1000 Hours Exposure)	
Water Resistance	Excellent
Oil Resistance	Excellent
Efflorescence Resistance	Excellent
Resistance to Water Blushing.....	Excellent
UV Resistance	Excellent
Wet Look Retention	Excellent
Recoatability	Easily Recoats

SURFACE PREPARATION:

The surface must dry and clean, free from all dirt, dust, oil, grease, wax, efflorescence, curing agents or any loose materials and contaminants.

Concrete/Masonry- Clean concrete surfaces, abrasive blast (ASTM D4259) or acid-etch (ASTM D4260) the surface creating 180-grit profile to ensure the product can penetrate. Fill concrete voids and cracks that are larger than 1/16". If acid is used, neutralize acid with a neutralizing agent.

Review additional surface preparation details in the precautions section of this technical bulletin.

APPLICATION:

Gloss Finish Application: **AQUASEAL WET LOOK** may be applied by brush, spray, roller or squeegee. After applying the sealer allow it to dry (do not remove the excess material). This excess material will produce the shine. Allow 2-4 hours of dry time (depending on temperature) before applying a 2nd coat which will uniform and maximize the gloss.

Flat Finish Application: **AQUASEAL WET LOOK** may be applied by brush, spray, roller or squeegee. After applying the sealer allow it to sit for 3-5 minutes (do not allow the product to dry). Then lightly work the material into the substrate (do not overwork) using a soft cloth or a mop which will removed the excess material. Excess solution on the surface will result in longer dry times and a gloss. Allow 1-2 hours of dry time and apply the 2nd coat using the same application method as the 1st coat.

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WATER REPELLENTS 07190
THERMAL AND MOISTURE PROTECTION

MONOPOLE INC.
UPDATED FEBRUARY 2018



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COVERAGE:

AQUASEAL WET LOOK should be applied at a coverage rate of 200-400 square feet per gallon depending on surface porosity.

DRY TIMES:

Depends on temperature & humidity:

	<u>Flat Finish</u>	<u>Gloss Finish</u>
Recoat time (when dry to the touch)	1-2 Hours	2-4 Hours
Light to moderate foot traffic exposure:	6-8 Hours	8-12 Hours
Hot Tire Resistance	5 Days	5 Days

Product puddling/over application will extend drying times and the surface may appear milky until the product fully dries.

LIMITATIONS:

AQUASEAL WET LOOK will not form a waterproofing membrane. 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. Flashing must be in place and weep holes and drains installed and functioning (where applicable).

CHEMICAL RESISTANCE GUIDE (ASTM D1308)

(Splash or Spillage)

(Tested on Cementitious Backer Board, 24 Hour Spot Test, 72 Hour Recovery)

Petroleum Products: *Brake Fluid, Ani-Freeze, Gasoline, Motor Oil, Ethanol, Bleach*No Effect

Fresh WaterNo Effect

Sea WaterNo Effect

5% Salt Solutions: *Acidic, Neutral or Alkaline*No Effect

Stains: *Mustard, Coffee, Red Ink, Cola, Grape Juice, Kool-Aid, Ketchup, Syrup*No Effect

Steam Resistance (15 Minutes Exposure)No Effect

Hot Tire Pick-Up Resistance (3-Day RT Dry, Lifting @140°F.)None

AQUASEAL WET LOOK is not recommended for continuous immersion service

MAINTENANCE:

Surfaces sealed with **AQUASEAL WET LOOK** can be kept clean by hosing off or moping with water. Harsh chemicals or abrasive cleaners such as acids will deteriorate the sealer finish.

PRECAUTIONS:

- Do not apply the product to areas that are above 15% moisture or where hydrostatic pressure is present.
- Do not apply to sealed or non porous surfaces.
- Keep material from freezing.
- Do not apply at temperature below 40° F. or above 90° F.
- Do not apply in windy conditions or if rain is expected within 24 hours.
- Do not apply over concrete that may receive concrete toppings.
- Do not apply to contaminated / dirty or unsound substrates.

LEED CREDITS

AQUASEAL WET LOOK qualifies for earning LEED® credits for Environmental Quality, EQ 4.1 Low-Emitting Materials, based on low contribution of VOC.

HANDLING PRECAUTIONS:

- Applicators should wear protective clothing and gloves.
- Wear properly fitted NIOSH/MSHA approved respirators.
- Avoid contact of the material with skin or eyes and avoid breathing vapors. Mix and apply in a well ventilated area and observe normal safety precautions.

CLEAN UP:

Clean tools and equipment with soap and water immediately after use. Dried material will require a legal/compliant solvent, paint thinner or stripper.

PACKAGING:

AQUASEAL WET LOOK is packaged in 1-gallon cans and 5-gallon pails.

SHELF LIFE:

AQUASEAL WET LOOK is useable for a 12-month period stored at room temperature (72°F) in a sealed container.

CAUTION:

AQUASEAL WET LOOK when used over horizontal surfaces and exposed to standing water, oil, grease, or any liquid may create a slippery surface. Monopole Inc. will not be responsible for injury caused in a slip or fall situation. It is the end users responsibility to test and determine the suitability and safety of our coatings for their particular use and application.

TECHNICAL SERVICES:

Technical assistance is available by contacting the manufacturer or your distributor.

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.



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