

Technical Data Sheet (TDS)

Active Elements – Concrete Acid Stain

www.UBQind.com

**This product may only be used on fully cured concrete. Allow a minimum of 28-45 days of cure time after the concrete placement to allow ample time for the concrete to completely hydrate.

Coverage

100 - 200 square feet per gallon. Coverage varies with the surface texture of the concrete, temperature of the concrete and ambient conditions.

Surface Preparation

Concrete must be clean and free of all dirt and contaminants. Concrete floors must be open and porous prior to applying Active Elements - Concrete Acid Stain. Oil and grease must be removed prior to stain application using Active Elements - Degrease. Paints and sealers must be removed prior to stain application using Active Elements - Paint Strip.

- **Interior floors** - Required minimum preparation is scrubbing using a floor machine (buffer) with a black pad, grit brush or sanding screen.
- **Exterior surfaces (broom finished)** - Required minimum preparation is pressure washing.

Safety

Always use appropriate safety equipment including but not limited to, goggles, face shield, rubber gloves, chemical resistant clothing or apron, and chemical respirator.

Dilution

When a lighter color is desired, use Active Elements – Dilute as a reducing agent.

Mix at a ratio of 1 Part Active Elements - Concrete Acid Stain to 1 Part Active Elements – Dilute

Application

Equipment must be constructed of plastic or other non-corrosive material. The stain can be applied using a plastic pump sprayer, brush, rag, or sponge. Wash equipment thoroughly after use with water.

Drying / Reaction Time

Allow a minimum of 4 hours drying/reaction time.

Neutralization

After the full stain reaction has occurred neutralize the concrete by scrubbing the surface with Active Elements - Neutralize (8oz in 5 gallons water). A stiff bristle brush or broom should be used to scrub in the neutralizing solution. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.

Residue Removal

- **Interior floors** - Required minimum residue removal method is scrubbing using a floor machine (buffer) with a nylon bristle brush or white pad. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.
- **Exterior surfaces** - Required minimum residue removal method is pressure washing. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.

Caution - Residue runoff can stain and discolor unprotected concrete, buildings and landscape features. It may also cross contaminate previously applied colors.

Sealer Options - Exterior Surfaces

- A. Active Elements – TrueSeal 400S is a solvent borne exterior sealer that contains UV absorbers for long lasting color protection. It will give a tough glossy surface and a deep rich color.
- B. Active Elements –Water Repel 101 is a moisture repelling sealer for interior and exterior surfaces. It is a reactive siloxane/silane no-build treatment that when cured gives a no-gloss finish and has zero thickness build.

Sealer Options - Interior Floors

- A. Active Elements – London Wax is a blend of natural renewable resource waxes blended with a food grade mineral oil. It gives a beautiful low luster rich color that is easy to maintain.
- B. Active Elements – Advance Seal is a water based acrylic technology floor sealer. Perfect when a deeper richer color is desired along with a hard shell protective sealer. It gives a beautiful medium sheen appearance.
- C. Active Elements –Advance Finish is a water based acrylic floor finish that can be used on top of Advance Seal as a sacrificial top coat for high traffic floors. It is an easy to apply glossy top coat that has a 1 hour return to service, making it ideal for retail, office and commercial environments.
- D. Active Elements –Water Repel 101 is a moisture repelling sealer for interior and exterior surfaces. It is a reactive siloxane/silane no-build treatment that when cured gives a no-gloss finish and has zero thickness build.

Special Considerations

- **Color Change**
The use of Pacific Dogwood and Sanibel on concrete which has no vapor barrier underneath (typically exterior concrete slabs) have the risk of partially or completely turning black when excessive amounts of moisture migrate from underneath the slab to the top surface.
- **Color Variances**
Results may vary from color chart due to differing compositions of concrete. The texture of the concrete, age and dilution ratio affect final color appearance. Many slab characteristics show through the stain.

Warranty

This warranty is made in lieu of all other warranties, either expressed or implied. Before application the User shall determine the suitability of the product for his/her intended use and User assumes all risks and liabilities whatsoever in connection therewith. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The Manufacturer and/or Seller warrants that if any goods supplied prove defective in material the sole obligation shall be to replace said product. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither Manufacturer nor Seller shall assume any liability for injury, loss, or damage resulting from use of this product.

CAUTION

WARNING! CORROSIVE: Causes skin and eye burns. Harmful if swallowed or inhaled. Causes severe eye irritation with possible blindness. Vapor and mist causes irritation to nose, throat, and lungs. Always use proper safety equipment. Consult MSDS for additional chemical and safety information.

FIRST AID

Skin - Wash thoroughly with soap and water. Discard affected clothing and footwear.

Eyes - Flush with water immediately. Hold eyelids apart while flushing material out thoroughly with large amounts of water. Seek Medical Attention Immediately!

Ingestion - Give several glasses of water or milk. Seek Medical Attention Immediately!

Inhalation - Move to fresh air.

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.