ACID STAIN

WB 501

Arizona Polymer Flooring

System Description

Acid Stain WB 501 is an acidic coloring solution that chemically reacts with concrete and other cementitious substrates to create translucent and variegated color effects. This system is sealed with low-odor, high-performance waterborne epoxy and polyurethane coatings, giving it exceptional durability.

The coloration becomes a permanent part of the sub strate and cannot crack or peel. Acid Stain WB 501 gives a unique look that cannot be achieved with conventional polymer and pigment type stains. The material reacts individually with each substrate depending on its available cement content, age and porosity. Considerable varia tions in color and tone normally result from the use of Acid Stain WB 501, and many special color effects can be achieved using different methods of application.

System Uses

Acid Stain WB 501 system is designed for interior, conven tional and architectural concrete.

Features & Benefits

- Chemical resistant
- Abrasion resistant
- Impact resistant
- Low VOC
- Qualifies for LEED projects
- Available in a satin finish
- Exceptional durability

Colors

Acid Stain WB 501 is available in 10 colors.

Surface Preparation

Surface must be clean, dry and profiled prior to installation. Acceptable methods for preparation are diamond grinding or acid etching. If acid etching, follow APF written instructions. Concrete must have a minimum surface profile ICRI CSP 2, or a texture similar to 120 grit sand paper.

Products

- Acid Stain
- Epoxy 200
- Polyurethane 501

Physical Properties

Gloss (60 degrees):	90
Gloss (satin material, 60 degrees):	50-60
Pendulum hardness, sec (ASTM D-4336):	175
Flexibility (ASTM D-222):	passes 1/8 inch
Impact Resistance (ASTM D-2794):	passes 3/8 inch-pounds direct impact
Tabor Abrasion (1000 gm. Load, 1000 cycles, CS 17 wheel):	32 mg. loss
Adhesion to Concrete (ASTM 451):	concrete fails before loss of bond
Volatile Organic Compounds:	100 grams/ liter

Chemical Resistance

Refer to Arizona Polymer Flooring Chemical Resistance Guide for full system chemical resistance.

Concrete Moisture

Calcium chloride in accordance with ASTM-F1869 or relative humidity probe testing in accordance with ASTM-F2170. In the event that test results in 3 pounds per 1000 sq. ft. per 24 hours, or 80% relative humidity, please refer to Arizona Polymer Flooring VaporSolve product information or go to **www.vaporsolve.com**.

Installation

Please refer to Acid Stain WB 501 installation guidelines for information and instructions.

Warranty

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.