



## Pool & Deck Coatings

### Bulletin 920

### AQUA SEAL Water Base Pool Coating

AQUA SEAL is a water-based acrylic emulsion coating which provides an attractive low maintenance finish on plaster or concrete pools. It has a low-sheen, satin-type finish that is compatible with rubber base coatings.

AQUA SEAL has unique features that are not typical of epoxy and rubber base coatings:

- Can be applied to damp surfaces
- Can be recoated in 4 hours (minimum)
- Pool can be filled after 48 hours (minimum)
- No solvent fumes
- Self-priming qualities

AQUA SEAL is available in four stock colors.

### SURFACE PREPARATION

#### Bare Concrete or Plaster

Two coats are required on bare surfaces. New concrete should cure 30 days before coating.

The surface must be clean before coating. First, scrub the entire surface with tri-sodium phosphate (TSP) solution in water. Mix one cup (8 oz.) dry TSP powder for each gallon of water as a washing solution. Rinse with water immediately. Then, the surface should be acid washed with a 10% solution of muriatic acid in water, or 2 lbs of sulfamic acid crystals with one gallon of water. One gallon of either solution will etch approximately 100 sq. ft. Rinse immediately. Finally, repeat the TSP wash to neutralize any remaining traces of acid. Rinse with water immediately.

#### Previously Coated Surfaces

AQUA SEAL can be applied over worn rubber base coatings. **Do not apply over epoxy or unknown finishes.**

All loose or peeling paint should be scraped or wire-brushed. If paint is severely peeling, sandblast or water blast to remove all old coating.

Scrub entire surface with tri-sodium phosphate (TSP) solution in water. Mix one cup (8 oz.) dry TSP to each gallon of water for a washing solution. Rinse thoroughly with water. Then, the surface should be acid washed with a 10% solution of muriatic acid in water, or 2 lbs of sulfamic acid crystals with one gallon of water. One gallon of either solution will etch approximately 100 sq. ft. Rinse immediately. Finally, repeat the TSP wash to neutralize any remaining traces of acid. Rinse with water immediately.

### APPLICATION

#### Uncoated Surfaces

##### First Coat

Apply first coat of AQUA SEAL thinned with water as a prime coat. Thin about 10% to insure penetration. Do not thin with any other substance. Use a 9" roller and an extension handle for large areas. Trim small areas with a brush.

##### Second Coat

Apply the second full strength after four-hour minimum drying time.

#### Previously Coated Surfaces

Bare spots should be spot primed with AQUA SEAL thinned 10% with water. After spot priming, apply one or two coats at full strength. Allow four hours minimum between coats. May be applied by brush, roller or spray.

DO NOT APPLY BELOW 50°F

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#### PHYSICAL DATA

**Flash Point Degrees F:** None

**Pot Life:** Indefinitely - if resealed tightly

**Recoating Time:** 4 hours except in cool or damp weather, then allow overnight drying time. The first coat must be dry to touch.

**Curing - Before Filling Pool:** 48 hours minimum under normal conditions

**Solids:** 60% Wt. 40 Vol.

**Coverage:** 1st coat: thinned 10% to 250 sq. ft. per gallon average  
2nd coat: unthinned 300 sq ft. per gallon average  
3rd coat: (if necessary) 300 sq. ft. per gallon

**Applied Film Thickness:** 4 mils wet film

**Waiting Time for New Concrete to Cure:** 30 days - minimum for maximum results

**Viscosity:** 85 - 90 Krebs Units Thinned 10% with water gives 70 - 75 K.U.

**Weight per Gallon:** Approx. 11.0 - 12.0 lbs.

#### WATER-BASED - KEEP FROM FREEZING

#### DO NOT TAKE INTERNALLY

#### KEEP OUT OF THE REACH OF CHILDREN

Information herein given has been accumulated through many years of experience and verified by our technical personnel and is based upon tests believed to be reliable, but RESULTS ARE NOT GUARANTEED.

**NOTE:** SMART SEAL makes no implied warranty of merchantability, no implied warranty of fitness for a particular purpose and no other warranty, either express or implied, concerning its products.