

### 1. PRODUCT NAME

Aqua Seal

### 2. MANUFACTURER

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### 3. PRODUCT DESCRIPTION

Aqua Seal is a water-based epoxy vapor block / primer specially formulated for use as a surface primer for seamless flooring applications to provide superior adhesion of epoxy, urethane, and cementitious topcoats.

Deeply penetrates concrete surfaces to provide a permanent and tenacious bond.

Ideal for use on damp and porous concrete surfaces.

Aqua-Seal is resistant to most chemicals and solvents. Excellent for new concrete.

#### Advantages

- Moisture tolerant formula.
- No VOC's or Solvents
- 100% solids
- Chemical and Solvent Resistant

#### Uses

- Vapor Block up to 18 lbs. per 1000 FT<sup>2</sup>
- Crack Healing/Sealing
- Exposed Aggregate Resurfacing
- Waterproofing Concrete Block

### 4. APPLICATION INSTRUCTIONS

1. Aqua-Seal can be applied by squeegee and roller, brush or spraying.
2. Clean surface by shot blasting or diamond grinding to provide clean and open surface. Vacuum thoroughly.
3. Thoroughly mix entire contents of Part-A Resin with Part-B Hardener for 2-3 minutes. Scrape side and bottom of pail frequently during mixing to insure a good mix. Add one gallon of cool tap water and mix again for 2-3 minutes.
4. Spread with squeegee and back roll with a 3'8" nap roller until spread evenly onto the

surface, coverage rate of approximately 200 square feet per gallon, depending on concrete porosity.

Back-roll with 50% overpass method and take care to avoid puddles or "dry spots" for best results.

Allow 12 hour dry time before re-coating

#### Packaging

Aqua Seal is available in 1 Gallon Kits.  
Makes 2 gallons total product.

#### Shelf Life

Unopened containers are guaranteed for 1 year. Store in temperatures between 60°-80° F.

Storing above 85° will reduce shelf life.

Keep from freezing.

#### Limitations

Not for use on contaminated or oily surfaces.

Do not install when surface temperature is below 60°F (7°C) or above 90°F (32°C).

During damp and/or cool conditions epoxy will cure slower, protect finished work from traffic until fully cured.

#### Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Safety Data Sheet for full listing protective requirements.

Aqua-Seal may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.

For professional use only.

Keep out of reach of children.

### 5. TECHNICAL DATA

Pot Life @ 77°F (100 gm)	40 min.
Thin Film Set-Time @ 77°F	
Tack Free	1 hours
Hard-dry	5 hours
Direct Impact resistance (lb)	160
Reverse Impact Resistance (lb)	90
Bond Strength 30-day cure average (psi)	
Concrete Steel Troweled	564
Concrete Broom Finish	405
Concrete Shot Blast	385
VOC	0 %
Elongation ASTM D-638	4.3% min.
Mixed Viscosity	125 cps
Color Mixed	Milky
Color Cured	Clear

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Aqua Seal Rev / 1-13-22

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