



# AQUAPON® 4700

## Clear Self-Leveling Epoxy

95-4700

**AQUAPON 4700 Clear Self-Leveling Epoxy** is a 100% solids, clear, self leveling epoxy coating for properly prepared concrete floors subject to chemical and solvent splash or spillage as well as light to moderate traffic. Also used as a primer /sealer on concrete floors with recommended epoxy finish coats.

**USED FOR**

- Concrete floors

**FEATURES**

- Abrasion resistant
- Chemical resistant

**RECOMMENDED SYSTEMS**

AQUAPON 4700 Clear Self-Leveling Epoxy is recommended for concrete floors subject to acids, alkalis, solvents and other industrial exposures.

**SUBSTRATE****TYPICAL FINISH**

**Concrete Floors:** AQUAPON 35 Gloss Epoxy or AQUAPON 6500 HB Epoxy

**TECHNICAL DATA**

**Product Type:** Amine Epoxy

**Base/Color:**

Clear

**PART A**

95-4700

**PART B**

95-479

**Mix ratio (by volume):** 2:1

**Induction (Sweat-in) period:** None Required

**Pot Life:** 40 minutes @ 60°F, 30 minutes @ 75°F,  
20 minutes @ 90°F

**Gloss:** Gloss

**Percent Solids:**

**Weight:** 100.0%

**Volume:** 100.0%

**Weight/Gallon:** 9.06 lbs.

**Thinner:** Not Recommended

**Clean-Up:** T-1 Epoxy Thinner (PC5100) or 97-725

**Recommended Film Thickness:**

**Wet:** 5 - 20 mils

**Dry:** 5 - 20 mils

**Spread Rate (Theoretical):** 80 - 320 sq. ft./gal. @ 5 - 20 mils dry.

**Dry Time:** **60°F**

**70°F**

**90°F**

**To Touch:** 12 hrs.

9 hrs.

9 hrs.

**To Handle:** 2 days

12 hrs.

12 hrs.

**To Recoat\*:** 24 hrs.

24 hrs.

16 hrs.

**Max. Recoat\*\*:** 5 days

3 days

2 days

\*Suitable for light foot traffic.

\*\*Suitable for normal foot traffic.

**Flash Point (Pensky-Martens):**

**Part A:** Greater than 200°F

**Part B:** Greater than 200°F

**Mixed:** Greater than 200°F

**Dry Temperature Resistance:** 225°F

**LIMITATIONS**

Apply in good weather when air, surface and material temperatures are between 60°F and 95°F and relative humidity is no greater than 80% during application and for a 24 hour cure period. Surface temperature must be at least 5°F above the dew point. For optimal application properties, bring material temperature to 70°F - 80°F temperature range prior to mixing and application. **Not recommended over existing coatings or as a clear coat over color coats.**

Note: This product is not formulated with lead or mercury containing materials.

**REGULATORY DATA**

**VOC for Mixed Material (theoretical):**

0.0 lbs/gal (0.0 g/l)

**SURFACE PREPARATION**

Paint only clean, dry surfaces. Remove all oil, grease, soil, drawing and cutting compounds, and other contaminants from surfaces to be coated in accordance with SSPC-SP1 Solvent Cleaning.

**Concrete:** New concrete must age 30 days. Surface shall be clean, dry and free of curing compounds, oil, grease or other contaminants. Sweep blast or blastrac clean to provide etched surface for proper adhesion. Remove dust before coating. **Alternatively:** Acid Etch with Muriatic Acid ( one part acid to two parts water ). Apply solution uniformly using a plastic sprinkler and scrub with a stiff bristle broom. When bubbling ceases, rinse with clean water and scrub with stiff bristle broom. If surface is acidic ( pH below 7 ), neutralize surface by washing with 1- 2 % ammonia solution. Allow surface to dry below 12% moisture content. Vacuum off loose residue.

**INSTRUCTIONS FOR USE**

**Tinting:** DO NOT TINT.

**Mixing:** Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Agitate Part A with a power agitator. Agitate Part B with a power agitator. Combine entire contents of Parts A and B and mix thoroughly with a power agitator. Agitate slowly. Avoid air being beat into material.

**Sweat-in:** None Required.

**Pot Life:** 40 minutes @ 60°F, 30 minutes at 75°F, 20 minutes @ 90°F

**Clean-up:** Clean tools and equipment immediately after use with T-1 Epoxy Thinner (PC5100) or PPG 97-725.

**Application:**

**Conditions:** *Temperature Range:*

60 - 95°F air, surface and material. Optimal Temperature Range 70-80°F.

*Dew Point:*

Surface temperature must be 5°F above the dew point.

*Relative Humidity:*

No greater than 80% during application and a 24 hour curing period.

**Equipment:** *Brushes:*

China Bristle

*Rollers:*

3/8" to 1/2" Quality Synthetic Roller Cover

*Miscellaneous:*

Notched Rubber Squeegee

**Directions:**

Apply by brush, roller or squeegee at a minimum of 5 mils wet (5 mils dry). More than one coat may be required to seal porous surfaces thoroughly. Do not apply over expansion joints.

**PRECAUTIONS**

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

**SHIPPING**

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:****5 Gallon Kit**

**PART A:** 5-gallon pail

**PART B:** 2-gallon pail

**1 Gallon Kit**

**Part A:** 1-gallon can

**Part B:** 1-gallon can

**Shipping Weight:****5 Gallon Kit**

**Part A:** 34.8 lb/5-gal

**Part B:** 17.0 lb/2-gal

**1 Gallon Kit**

**Part A:** 6.8 lb/gal

**Part B:** 3.5 lb/gal



The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

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