



POOL POLYASPARTIC

2-COMPONENT, 1 TO 1 MIX RATIO

Physical Properties

Volumetric Ratio: 1 to 1
Volumetric Solids 85%
Coverage 200 - 300 Sqft/Gal
2 coat application.

Application temperature: 40-100°F
Thinning: Not required
Pot life: 10 minutes
Working time 30 - 45 minutes-
varies with humidity
Cure time: 14 - 15 hours (tack free)
..... 2 - 3 days (Full Cure)

Shelf life: 12 months
USDA Food & Beverage:.... Meets Req.

Color : Clear

Available Colors:

- Light Gray
- Medium Gray
- Dark Gray
- White
- Black
- Tan
- Beige
- Mocha
- Tile Red
- Safety Red
- Safety Blue
- Safety Green
- Safety Yellow

Packaging

2 Gallon Kit:

Part A 1 gal.
Part B..... 1 gal.

Packaging

10 Gallon Kit:

Part A 5 gal.
Part B..... 5 gal.

PRODUCT DESCRIPTION

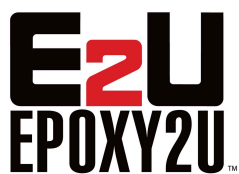
E2U Pool Polyaspartic is a durable, long lasting, high solids flexible, UV stable coating. E2U Pool Polyaspartic's formula provides non-yellowing and long-term gloss retention for pool application. E2U Pool Polyaspartic is specifically formulated to offer a protection from fading, chlorine, chemicals, stains, abrasion, shock, algae, alkali, mineral oils, and both fresh and salt water. The special formula for E2U Pool Polyaspartic inhibits algae growth and protects against fading, chipping, cracking and peeling. It provides a long term resistance against chemicals, abrasion, and stains. It is resistant to waterspotting at ambient and low temperatures, high humidity conditions during application. This product is for both indoor & outdoor swimming pools. It can be applied on concrete pool, Fresh Water Ponds, Marcite pool, Fiber Glass Pools, Salt Water Pools, Metal Pool, Fish Hatcheries, fiberglass & steel pools

ADVANTAGES

- High Gloss (just like glass) & Build
- Excellent colour retention
- 100% algae resistant
- 4x more abrasion resistant than epoxy
- Highly resistant against UV rays and chlorine
- Chemical, scratch, abrasion resistant
- Low odor, Low VOC
- Easy mixing ratio (1:1)
- Cure at temperatures just above Freezing
- Does not support growth of bacteria, Algae or fungus

TYPICAL PROPERTIES

PROPERTY	VALUE
Appearance	Clear Liquid
Total Solids (% by Weight)	85
Total Solids (% by Volume)	85
Surface Tension, Dynes/cm	40
Viscosity (Brookfield LVF), cps @ 25° C	600
Density (lbs/gallon)	8.32
Specific Gravity	1.0
Flash Point (C Pensky-Martens closed cup)	<70°F
Freeze/Thaw Stability	N/A
Thermal Stability (28 days @ 52° C)	No Effect
Mechanical Stability	Good
VOC (g/l)	0
VOC (by Weight)	0
Tg (C)	66
Tensile Strength, psi	7000
Elongation	8%



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FILM PROPERTIES

PHYSICAL PERFORMANCE PROPERTIES OF DRY FILM

All tests were conducted on 2.0 to 2.5 mil films, and air-dried for seven days at room temperature..

PROPERTY	VALUE
Hardness (Pencil / Sword)	2H / 70
Taber Abrasion (mg loss per 1000 cycles, CS-17 wheel, 1000 load)	52
Impact Resistance (Direct / Reverse)	140 / 140 (lbs)
Crosshatch Adhesion (Untreated Cold Rolled Steel / Untreated Aluminum)	100% / 100%

QUV WEATHEROMETER (ALCLAD ALUMINUM 1000 HRS.)

PROPERTY	VALUE
Oxidation	No Effect
Loss of Gloss	Slight

CHEMICAL RESISTANCE: 7-DAY SUBMERSION

PROPERTY	VALUE
Brake Fluid	No Effect
Transmission Fluid	Slight Discoloration
Coolant	No Effect
Power Steering Fluid	Slight Discoloration
Gasoline	No Effect
Battery Acid	Damaged
MEK	<200 Double Rubs
Acetone	<200 Double Rubs

CONCRETE PREPARATION

Before coating is applied, concrete must be:

- Dry – No wet areas
- Clean – Contaminants removed
- Profiled – Surface Grinded
- Sound – All cracks and spalled areas repaired

Mechanical preparation is the preferred method of preparing concrete for coat-ing application. Preparation must be done by shotblasting or diamond grinding. Do not acid etch. . Surface must also be primed with E2U WB Epoxy prior to application of Polyaspartic. For full installation instructions, contact E2U Tech Support: 714-477-8700.

PATCHING

Voids, cracks and imperfections will be seen in finished coating if the concrete is not patched correctly. Patch concrete with Easy Patch. After the patching material is cured, diamond grind patch. If a non-patching material is used, contact a technical representative for a compatible and approved alternative.

MIXING

The ratio of Pool Polyaspartic is 1 Part A to 1 Part B by volume. Mix for 1 full minute using a medium speed drill, scraping the bottom and sides of the mixing container. Mix only that amount which can be spread in 30 minutes or less.

CLEAN UP

While in an un-reacted state, may be cleaned up with water and degreaser. Isopropyl alcohol or acetone may be needed once the resin begins hardening. Lastly, a strong solvent like methylene chloride may be required if resin is nearly set up.

WARNING! SLIP AND FALL PRECAUTIONS

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slipresistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. E2U Flooring recommends the use of angular slipresistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. E2U or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Handling Precautions

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.

WARRANTY

E2U products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification.



MADE IN THE USA

KEEP OUT OF REACH OF CHILDREN

TECHNICAL DATA SHEET

4602 S 36th St • Phoenix AZ 85040 • 855.EPOXY2U (376.9928) • www.Epoxy2U.com

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