



EP EPOXY

- *For use on bare concrete, fiberglass, plaster, and previously painted epoxy*
- *High solids, high gloss epoxy coating*
- *3 to 4 years of service life*
- *VOC compliant in US and Canada*

AVAILABLE IN THESE COLORS



Note: Color differences may occur between actual color chips shown.

PREMIUM LOW-FILM BUILD EPOXY AQUATIC COATING

Ramuc EP Epoxy™ cures to a hard, tough, and durable finish. It provides stain, chemical and abrasion resistance for protection of concrete, plaster and fiberglass swimming pools, spas and slides. EP Epoxy cures to a high-gloss finish with excellent coverage rates, especially on previously painted epoxy surfaces. EP Epoxy has been a proven performer for more than 50 years. Epoxies are the coating of choice for indoor pools due to their chemical cure.

TECHNICAL INFORMATION

VEHICLE TYPE: Epoxy Polyamide

FINISH: High gloss

COMPONENTS: 2

MIX RATIO: 2:1 by volume A:B

CURING MECHANISM: Chemical Cure

POT LIFE: 8 hours

WORKING TIME: 30-45 minutes 75°F

SOLIDS BY VOLUME: 60 ± 3%

SOLIDS BY WEIGHT: 73 ± 2%

COVERAGE: 175-200 sq. ft./gal. kit on bare, sandblasted or rough surfaces. 400-450 sq. ft./gal kit on recoats and fiberglass surfaces.

VOC: 340 g/l max (as supplied)

FLASH POINT: 60° F (SETA)

APPLICATION METHOD: Brush, no thicker than 3/8" Mohair or Lambskin Roller, Airless or Conventional Spray

DRY FILM THICKNESS PER COAT: Min 1.7 mils (2.9 mils wet), Max 2 mils (3.3 mils wet)

APPLICATION TEMP: 50° F min/85° F max

NUMBER OF COATS: 2 (product is self-priming)

RECOAT TIME: 16-72 hours. After 72 hours, must sand with 80-100 grit sandpaper before applying 2nd coat.

DRY TIME: Outdoor Pool: 5-7 days before filling. Indoor Pool: 10-14 days before filling. Use adequate ventilation.

SHELF LIFE: 3 years



This premium low-film build epoxy coating is formulated to provide ease of application and excellent coverage rates.

COMPATIBILITY: For compatibility purposes, the existing paint on previously painted surfaces of a pool should be determined before painting. **Use dark colors for accent painting only. Dark colors can prematurely fade or blister, especially in chemically treated water.**

SURFACE REPAIRS AND JOINT/CRACK FILLER: Plaster or concrete surfaces should be tested for integrity and soundness. Aged plaster should be checked for integrity. Check for hollow or weak/crumbling plaster by using a ball-peen hammer or any other comparable method. Perform repairs before painting. Power wash to remove loose paint and dirt. Any minor repairs, such as patching with hydraulic cement or filling of cracks, should be done and allowed to cure prior to surface prep. We suggest using Vulkem polyurethane sealant. Vulkem must be top-coated before being submersed in chemically treated water.

SURFACE PREPARATION: Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance. We recommend using Ramuc Clean & Prep Solution™. Ramuc Clean & Prep Solution degreases and dissolves mineral deposits and increases porosity to create maximum adhesion. Unlike all other acid-based materials, Ramuc Clean & Prep Solution neutralizes via water and is safe to use near plants and grass. If surface is exceptionally hard, we recommend sanding with an #80 grit sandpaper to create surface profile prior to applying the first coat of EP Epoxy. Follow package directions carefully. New concrete and plaster surfaces must be cured for 28 days prior to painting.

CONDENSATION TEST: After all cleaning is complete, allow the surface to dry. Average time varies according to climate and porosity of the substrate. 1) Tape 2' x 2' pieces of transparent plastic to areas in the deep end wall, floor and several other areas of the pool. 2) Wait about 4 hours to determine if condensation has formed underneath the plastic. 3) If condensation is evident, the surface is not dry enough to paint. 4) Remove the plastic and wait 24 hours to perform the test again and continue until no condensation forms. This ensures that the surface is dry enough to apply paint.

APPLICATION: Use no thicker than a 3/8" nap roller used for solvent based paints. DO NOT use rollers with cardboard cores. Apply at the recommended coverage rate. Ideal air temperatures for application are between 50° and 90° F. Surface temperature should be at least 50° F, no more than 90°F. Overnight curing temperatures must be at least 50°F or the paint will not cure properly causing an "oily" feel to the top of the paint. Do not paint when rain is imminent. New concrete and plaster surfaces must be cured a minimum of 28 days prior to painting. NOTE: Skid Tex additive can be added to EP Epoxy to achieve a non-slip surface.

MIXING THE PAINT: EP Epoxy is self-priming; no other type of primer is recommended or should be used. EP has a pot life (use life) of 8 hours once mixed. Mechanically mix Part A for approximately 5 minutes. Mechanically mix Part B for approximately 5 minutes. Mechanically mix both part A and Part B together for approximately 15 minutes. Mixing with a stir stick is not recommended. Once mixed, allow the material to stand for 60 minutes in temperatures between 50° to 65° F, or 30 minutes in temperatures 65° F and above to ensure chemical reaction. If material is used too soon after mixing, or if the pool is filled to soon after application, yellowing or loss of gloss can occur. If more than one gallon kit is used at a time box (intermix) several gallons together. (Use a 5 gallon pail)

SPRAY INFORMATION: Airless: 2000-2300 P.S.I. **TIP SIZE:** .017 - .021 (0.43 – 0.53 mm) Product should be thinned with Ramuc Thinner for proper atomization. Thin only up to standard state regulated VOC requirements.

POT LIFE: 8 hours @70°F and 50% relative humidity

CLEAN UP: Ramuc Thinner