

**Specification Provided To:**

**DATE:**

**JOB**

**Number of Pages: 2**

**GENERAL**

- 1.1 The existing paint on previously painted concrete surfaces should be determined for compatibility purposes. If the existing surface is unknown, a sample should be submitted for testing to determine compatibility. Paint chips can be taken to any Ramuc distributor/dealer to be forwarded to the Ramuc laboratory for analysis.
- 1.2 Newly poured concrete must cure for 28 days prior to painting.
- 1.3 Do not apply to concrete decks treated with a curing agent, as adhesion will be adversely affected.

**PRODUCT DESCRIPTION**

- 2.1 Acrylic Deck Coat, 9510 – for application to concrete pool decks, walkways, balconies, etc. Not intended for immersion, ponding water, or areas subject to vehicular traffic. Do not use on wood surfaces.
- 2.2 Only existing epoxy surfaces will require abrading/sanding the surface to achieve a medium grade sandpaper finish. All other surface applications do not require abrading/sanding.
  - a) Sandpaper #80 grit, power sander, or wire brush
- 2.3 Cleaning products:
  - a) Tri-sodium phosphate (TSP)
  - b) Muriatic or sulfamic acid solution
  - c) No larger than 3/8" nap mohair metal, lambskin, phenolic core roller
  - d) Mixing container for boxing (intermixing) paint
  - e) Soap and water for cleaning tools and spills
- 2.4 Joint or crack filler:
  - a) Use hydraulic cement or Durathane® polyurethane sealant or any other polyurethane sealant. Do not use silicone-based products, as paint adhesion will be adversely affected.

**SURFACE PREPARATION**

- 3.1 The area to be painted should be tested for integrity and soundness. Water blast the surface to remove loose paint and dirt.
- 3.2 Repairs to cracks or other imperfections should be performed before surface cleaning.
- 3.3 Abrade/sand existing epoxy surfaces to achieve a #80 grit profile. All other surfaces do not require abrading/sanding.
- 3.4 Scrub the surface with a TSP solution using one cup of TSP to 4 gallons of water. TSP should remove fats, oils, and algae from the surface.
- 3.5 Next apply a 15-20% solution of muriatic or sulfamic acid. NEVER ADD WATER TO ACID, ALWAYS ADD ACID TO WATER. The acid solution should etch the concrete surface and remove mineral build-up. Be sure to wear protective goggles, gloves, and suitable clothing.
- 3.6 Follow the acid wash immediately with a TSP rinse to re-neutralize the surface.

- 3.7 Ramuc Acrylic Deck Coat adheres best to a cool, damp surface. A damp surface is when no free water appears on the palm of the hand after pressing to the surface. If the surface is allowed to completely dry, it is recommended to dampen the surface by applying a light mist of water.

#### **APPLICATION of ACRYLIC DECK COAT**

- 4.1 Acrylic Deck Coat is self-priming; no other type of primer is recommended or should be used.
- 4.2 Mechanically mix the product for approximately 5-10 minutes, or until uniform consistency is achieved. If using more than one gallon at a time, be sure to intermix the paint to ensure color uniformity.
- 4.3 Apply two (2) coats at 4-6 wet mils per coat. Check with a wet film gauge to ensure that the minimum wet film thickness of each coat is obtained. Theoretical coverage on a smooth, bare surface will be 125-150 square feet per gallon and 300-350 square feet per gallon on recoats. Actual coverage will vary and is dependent upon the texture and profile of the surface. Dry film thickness of the completed project is to be 1.6–2.3 mils per coat. Recoats can be applied within 2 hours of the first coat.

#### **ACRYLIC DECK COAT CURE RATES**

- 5.1 After the second coat of acrylic is applied, allow the paint to cure.
- a) Outdoor cure rates are 2 dry days.
  - b) Indoor cure rates are 4 dry days. Proper cross-ventilation is necessary to completely dry the coating on indoor applications.
  - c) If rain occurs during any part of the paint process, allow an extra day of cure time for each day of rain.

#### **GENERAL GUIDELINES**

- 6.1 Product should be applied when air and surface temperatures are between 50°F - 85°F.
- 6.2 Do not apply Acrylic Deck Coat when rain is expected within 48 hours.
- 6.3 Skid-Tex™, a non-skid additive can be added to the paint mixture before rolling or broadcast to achieve a non-slip surface.
- 6.4 Direct contact with strong acids or chlorine solutions may cause discoloration of paint.
- 6.5 An application guide is included and considered a part of this specification. For questions not addressed in this specification or literature, please contact the manufacturer at 1-800-745-6756.

#### **WARRANTY**

- 7.1 Ramuc does not make nor does it authorize anyone to make any warranty of merchantability or fitness for any purpose or any other warranty, guarantee or presentation, expressed or implied, concerning this material except that it conforms to product specifications distributed by the company. In any event, liability is limited to the replacement of product, or its value, proven to be defective in manufacturing.