

RAMUC APPLICATION GUIDE

Type ADC Acrylic Deck Coat

Overview

Ramuc Type ADC Acrylic Deck Coat offers tremendous advantages over traditional solvent-based paints. Formulated to upgrade Kool-Deck and other textured concrete deck surfaces, acrylic coatings can and should be applied to a damp surface, will clean up with soap and water, and allows the deck to return to service in 48 hours. Water-based acrylics are extremely colorfast and UV resistant.

For compatibility purposes, the existing paint on previously painted deck should be determined before painting. If existing surface is unknown, a sample should be submitted for testing to determine the type of existing paint. Paint chips can be taken to any Ramuc distributor/dealer to be forwarded to the Ramuc laboratory for analysis.

SUPPLIES NEEDED:

- Cleaning products:
 - Tri-sodium phosphate (TSP)¹
 - Muriatic or sulfamic acid¹ solution
 - High-pressure power washer (optional)

- Abrasion material used to create a medium grade sandpaper profile for previously painted epoxy surfaces only:
 - Sandpaper #80 grit, power sander, or wire brush

- Painting supplies:
 - No larger than 3/8" nap mohair metal, lambskin, phenolic core roller²
 - Paint brush for detailing²
 - 5 gallon bucket for boxing (intermixing) paint
 - Mechanical mixer (this simply can be a paddle attachment² to a power drill)
 - Ramuc Thinner for cleaning-up tools and spills

- Joint or crack filler:
 - Hydraulic cement¹ or Durathane® polyurethane sealant or any other submersible polyurethane sealant. Do not use silicone-based products, as paint adhesion will be adversely affected.

¹ Included in Ramuc Surface Preparation Kit

² Included in Ramuc Application Kit

The keys to a successful pool or deck paint job are proper SURFACE PREPARATION AND CORRECT APPLICATION. By following these simple 1-2-3 steps, you're ensuring virtually maintenance-free paint service on your pool.

GENERAL SURFACE PREPARATION

Immediately after the pool is emptied, begin the 3-step process.

STEP 1 – The area to be painted should be tested for integrity and soundness. Water blast the surface to remove loose paint and dirt. If painting over existing epoxy, the surface must be sanded/abraded to achieve an #80 grit profile. Then, scrub the entire deck with a soap/tri-sodium phosphate (TSP) solution to remove all dirt, oils, loose or peeling paint, and chalk. Should any minor repairs need to be made, such as hydraulic cement patch or crack joint filling, do them at this time. Follow the manufacturer's recommendations.

STEP 2 -All surfaces should then be acid etched with a 15-20% solution of muriatic or sulfamic acid to achieve a medium grade sandpaper finish on bare concrete or plaster and to remove mineral deposits on previously painted epoxy surfaces. Neutralize/rinse with TSP and water.

MIXING THE PAINT – Acrylic Deck Coat is self-priming; no other type of primer is recommended or should be used. Mechanically mix the paint to achieve uniform consistency and color. If you are using more than one (1) gallon of paint at a time, remember to box (intermix) several gallons together.

APPLICATION

STEP 3 – Use no more than a 3/8" nap mohair metal lambskin, phenolic core roller. Apply at the recommended coverage rate. Ideal air temperatures for application are between 50° - 90° F. Surface temperature should be at least 50° F.

Do not paint when rain is imminent.

CURE RATES

Outdoors – 2 days

Indoors – 4 days

If rain occurs during the curing process, allow an extra day of dry time for each day of rain. Rain on a newly painted surface can cause color blushing and the finish could be altered.

Dry time to touch – 30 minutes

To recoat – 4 hours

Finish – flat

Primer – all Ramuc paints are self-priming

COVERAGE

125 – 150 sq. ft. on bare, sandblasted, or rough surfaces.

250 – 300 sq. ft. on recoats

(actual coverage will vary and is dependent upon the texture and profile of the surface)

Minimum dry film per coat – 1.6 mils dry (4 mils wet)

Maximum dry film per coat – 2.3 mils dry (6 mils wet)

Clean-up – Soap and water

TECHNICAL DATA

Weight/gallon – 10.8 ± 0.2 lbs.

Solids by weight – $41\% \pm 1\%$

Solids by volume – $32\% \pm 1\%$

V.O.C. – Does not exceed 190 g/l

SPRAY INFORMATION

DO NOT SPRAY ACRYLIC DECK COAT

SPECIAL SITUATIONS

I. **BLUSHING - FADING**

The cause:

- ◆ Chlorine may cause a “bleached-out” look
- ◆ Painting a water-based acrylic on a too hot, too dry surface will actually “cook” the coating.

The solution:

- ◆ Wet with a weak (2-3%) solution of muriatic acid. Acid will remove iron stains without damaging the paint film.

II. **BLISTERING**

The cause:

- ◆ Applying paint too thick
- ◆ Applying over chalk or dirt
- ◆ Applying to a too hot or too dry surface

The solution:

- ◆ Apply at recommended coverage rates. Thicker is not better when applying deck paint.
- ◆ Dampen or mist the surface prior to painting
- ◆ Clean/scrub/and abrade prior to painting

Ramuc Pool and Deck Paint

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