

**Overview** AquaLuster is formulated to offer tremendous advantages while complying with strict environmental and state VOC regulations. This acrylic coating can topcoat virtually all types of coatings and damp surfaces that traditional solvent based paints like chlorinated and synthetic rubbers do not. In addition, AquaLuster cures to a high gloss finish, similar to Ramuc Type A.

For proper recommendation and compatibility purposes, the existing paint type should be determined prior to recoating. If unknown, a core sample with the paint attached should be submitted to the Ramuc lab for a complete analysis.

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 to the plaster before painting.

**NOT FOR USE ON FIBERGLASS SURFACES, HOT TUBS, SPAS, OR WOOD.**

**Supplies  
Needed**

**Cleaning products:**

***Clean and Prep Solution*** by Ramuc, an environmentally safe product that cleans, etches and neutralizes.

If not using Clean and Prep Solution, the following preparation products should be used.

Tri-sodium phosphate (TSP)  
Muriatic or sulfamic acid solution

High-pressure (3000 p.s.i. minimum) power washer with a turbo tip attachment

**Painting supplies:**

No thicker than 3/8" nap roller  
Paint brush for detailing  
5 gallon bucket for boxing (intermixing) paint  
Mechanical mixer; a paddle attachment to a power drill)  
Soap and water for cleaning-up tools and spills

**Joint or crack filler:**

Hydraulic cement or Durathane® polyurethane sealant or any other submersible polyurethane sealant. Do not use silicone-based products, as paint adhesion will be adversely affected. Durathane must be topcoated before submersing with chemically treated water.

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## General Surface Preparation

ALL surfaces must be free of dirt, chalk, oil, loose paint or foreign material that may prevent adhesion. Power wash using minimum of 3000 p.s.i. with a turbo tip nozzle to avoid gouging. Scrub all surfaces with a solution of TSP, especially around the water line and steps with a stiff bristle brush. Following the manufacturer's instructions, wash/etch with a 30-40% solution of muriatic or sulfamic acid to dissolve any mineral salts or chalky material. Neutralize the acid treated surfaces with a solution of TSP, flushing well with clean water; surfaces should be constantly wet while cleaning. Bare surfaces should have the feel of 120-grit sandpaper after being etched.

The above process can also be achieved using "**Clean and Prep Solution**" by Ramuc, the economical cleaning product recommended for all surfaces. Follow all instructions thoroughly after power washing.

## Application

Mixing AquaLuster: Mechanically mix with a paddle attachment on a drill, along with intermixing (boxing) the material being used for color uniformity.

AquaLuster can be applied with a brush or roller. Use no thicker than a 3/8" nap roller. Outdoor application is recommended in early morning or evening when the surface is cool. Do not paint in direct sunlight. Apply 2 coats of AquaLuster waiting a minimum of 6 hours between coats. In areas of low humidity (less than 20% and higher temperatures, over 90°F), dampen the surface with a light mist of clean water for best adhesion. Once application is complete, wait a minimum of 5 accumulative dry days before filling outdoor pools, and 7 days for indoor pools.

NON-SKID SURFACES: Mix one pound of Skid-Tex per gallon of AquaLuster and apply as the final coat to any walking areas such as the steps and shallow end floor.

Do not paint when rain is imminent. Use dark colors for accent painting only.

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## Cure Rates

Outdoor pool: 5 dry days  
Indoor pool: 7 days

If rain occurs during the curing process, allow an extra day of dry time for each day of rain. Rain or moisture can cause blistering or discoloration. Dry time to touch: 15 minutes

To recoat: 6 hours  
Finish: High Gloss

Primer: No primer required. All Ramuc paints are self-priming  
Fill outdoor pools after at least 5 dry accumulative days, indoor at least 7 days with proper ventilation.

## Coverage Rates

200-250 sq. ft. per gallon on bare, sandblasted, or rough surfaces  
400-450 sq. ft. per gallon on recoats  
(Actual coverage will vary and is dependent upon the porosity and profile of the surface)  
Minimum dry film per coat: 1.5 mils dry (3.4 mils wet)  
Maximum dry film per coat: 2.0 mils dry (4.2 mils wet)

## Technical Data

Weight/gallon: 10.4 ± 0.2 lbs.  
Solids by weight: 46.4% ± 1%  
Solids by volume: 40.6% ± 1%  
V.O.C.: Does not exceed 210 g/l

## Spray Information

Conventional air: 50–90 p.s.i.  
Tip size: 765 cap a needle  
Airless: 2000–2500 p.s.i.  
Tip size: .015–.021 B-517

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## Blushing–Fading–Chalking

The cause:

- The shock of calcium hypochlorite can cause a white, bleached look to the paint film, leaving a whitish deposit.
- A chalky substance can be created by over treating the water with shock, bromine, ozone and ionization. We suggest a natural polymer product or clarifier that can reduce the chalking problem.
- Iron in the water from rust in the filter system may leave deposits and stain the film.
- Extremely corrosive water can ultimately cause deterioration or breakdown of a paint film over a period of years.

The solution:

- Scrub surface clean using a soft bristle brush Clean and Prep Solution at a 5 to 1 ratio.
- Standard pool water chemistry balance levels should be maintained as follows: pH 7.2-7.6; Alkalinity 120-150, chlorine 1.0-3.0; calcium hardness 200-300 ppm.

## Blistering

The cause:

- Applying paint too thick.
- Applying over chalk, algae or dirt.
- Applying to a surface too hot or too dry.

The solution:

- Pressure wash affected areas or scrub off blisters.
- Scrub with a 4 to 1 ratio of **“Clean and Prep Solution.”**
- Dampen or mist the surface prior to painting.

# RAMUC®

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