



3750 West Indian School Road  
 Phoenix, Arizona 85019-3518  
 (602) 636-6720  
 (800) 644-9131  
 (602) 636-6724 Fax  
[www.xcelsurfaces.com](http://www.xcelsurfaces.com)

## TECHNICAL DATA SHEET- ACRYTHANE

Xcel Surfaces Acrythane

### DESCRIPTION AND USE

Acrythane is a two component, low viscosity acrylic urethane. It is used as a primer/sealer over a variety of surfaces. Acrythane is U.V. stable for use in exterior applications, cures rapidly and is easily recoated with both solvent-based and water based polyurethanes. When used as a finish coat, this material gives a hard, high gloss surface that offers excellent stain resistance and cleanability. Acrythane can also be used as a tie over difficult to adhere to surfaces such as polyester urethane and solvent base acrylic sealers.

### TECHNICAL DATA

Mixing ratio, by volume.....2-1  
 Solid content by weight.....38%  
 VOC.....400 grams/liter  
 Pot life (77 degrees).....200  
 Cure Time (77 degrees)  
     Recoat.....90 minutes  
     Light Traffic.....4 hours  
     Vehicle Traffic.....3 days  
 Flexibility (ASTM D-222).....passes 1/8 inch  
 Impact Resistance (ASTM D-2794)...P 3/8 in DI  
 Adhesion to concrete (ASTM 451) .....Concrete fails before loss of bond

### SURFACE PREPARATION

Although Acrythane has adhesion capabilities to challenging substrates, always profile the substrate as well as possible. Whenever possible acid etch the surface using a floor machine with nylogrit brush. If acid etching is not possible, clean the surface with a floor machine and nylogrit brush. Use Xcel Surfaces Heavy Duty Cleaner & Degreaser, 1cup per gallon of water. Do not let degreaser residue dry on the concrete. Rinse well

### MIXING INSTRUCTIONS

Mix only that amount of product that can be used in a two-hour period at 77° F degrees. Higher temperatures reduce pot life. The combining ratio is 2 parts A to 1 part B. **Proportion the amounts carefully and mix for one full minute using a low speed drill, scraping the bottom and sides of the mixing vessel.** Avoid contamination with moisture. Reseal partially used containers after use.

### APPLICATION RECOMMENDATIONS

Acrythane may be applied by brush, roller, or airless spray. If rolling the material, use a ½ inch roller cover, work out of a 5 gallon pail or roller pan using the dip and roll method. Do not pour the material onto the floor. Because the material dries quickly, apply liberally and work small areas. Application rate should be 200-300 sq. ft. per gallon. Do not over-apply or allow to puddle as solvent entrapment may occur. Do not use solvent acrylic sealers as a primer for this material. If applying over cured solvent sealers reduce 50% with acetone and perform a tape pull adhesion test prior to application.

### RECOATING GUIDELINES

Acrythane has an indefinite recoat window when being recoated with itself. If recoating with Urethane and more than 24 hours has elapsed, reduce the material with approximately 15% acetone (1 pint acetone to 1 gallon of mixed material.)

### PACKAGING

1½ Gallon Kit. Available in Clear only

### COVERAGE

Approximately 200-300 sf/ gallon, depending on surface texture and porosity.

### HANDLING & STORAGE

Read Material Safety Data Sheets before using. Dispose of unused material in accordance with Federal, State and Local regulations. Storage temperature: (45°-85° F). Do not let Product Freeze.

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