

# Energy Seal Coatings

Cool Roof Solutions

## Acu-Prime All

All Purpose Primer



### DESCRIPTION

Acu-Prime All is a fast drying, water-based, multi-purpose primer that is to be used as a primer coat for non-metallic surfaces. It increases the adhesion of Acu-Shield to existing roof substrates.

### USES

Acu-Prime All is a general purpose primer to increase the adhesion of Energy Seal Coatings products to BUR, cap sheet, concrete, aged single-ply, Transite, tile, shingle and other non-metal roof substrates.

### FEATURES & BENEFITS

- ✓ Deep penetrating sealer.
- ✓ Adheres tightly to most surfaces.
- ✓ Superior adhesion to various substrates.
- ✓ Bonds to unstable substrates.
- ✓ Provides a tough, durable film.
- ✓ Quick drying time.
- ✓ Environmentally safe.
- ✓ Easy to use, easy clean up, non-toxic and VOC compliant water based coating.
- ✓ Easily applied with brush, roller or airless spray equipment.

### PREPARATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. High pressure water washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

### APPLICATION

Acu-Prime All is ready to use. Thinning is not required or recommended. Topcoating with Acu-Shield is required.

Spray: Airless sprayer. ½ g.p.m. capacity with a #517 tip.

Brush: Good quality synthetic bristle brush.

Roller: Short nap roller.

**V.O.C.**  
150 g./lit.

**ACU-PRIME ALL**

Manufactured by Advanced Coating Systems, Inc.

[www.energy-seal.com](http://www.energy-seal.com)

**Seal It. Conserve It. Protect It.**

**800-587-3758**

# Acu-Prime All

## Technical Data

Property	ASTM	Result
<b>Color:</b>		Light gray
<b>Viscosity:</b>	D 562	113 KU @ 25°C / 77°F
<b>Density:</b>	D 1640	11.70 ± .1 lb/gal
<b>PH:</b>		> 9.5 ± .5
<b>Percent Solids by Weight:</b>	D 1644	64% ± 2%
<b>Flash Point:</b>		Same as water.
<b>Initial elongation (break)</b>	D2370	264%
<b>Tensile Strength at Max Stress:</b>	D 2370	194 lb/in <sup>2</sup>
<b>Fungi resistance:</b>	G21	Zero growth
<b>Coverage:</b>	250 square feet per gallon.	
<b>Recommended Coverage:</b>	The number of coats depends on surface condition; however, two coats are recommended.	
<b>Min. Surface Application Temp.:</b>	7.2°C / 45°F. Do not allow to freeze.	
<b>Drying Time estimation:</b>	2 - 3 hours @ 25°C / 77°F, 50% relative humidity.	
<b>Packaging:</b>	5 gallon buckets, 50 gallon drums.	

Some separation may occur during shipping and storage, therefore the contents of each container should be thoroughly mixed prior to application. Shelf life for this product is 12 months, unopened, from the date of manufacturer.

**CAUTION:** Do not apply within one hours of sunset, rain, fog or freezing temperatures. All coatings must be completely dry before exposing to water or foot traffic. Keep all containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.

Our technical data and suggestions are based on information from laboratory and field testing which we believe to be reliable and correct. However, the accuracy and completeness of said tests are not guaranteed and not to be construed as a warranty, either expressed or implied. Since the use of the material is beyond manufacturer's control, buyer assumes all risk whatsoever as to their use or results obtained. We guarantee our products conform to Advanced Coating Systems, Inc. quality control. Advanced Coating Systems, Inc. warrants only the standard quality of material. Advanced Coating Systems, Inc. sole responsibility shall be to replace that portion of our product, which proved to be defective. Installer is responsible to test adhesion and product compatibility with substrate of all Energy Seal Coatings products prior to application.