

# Energy Seal Coatings

Cool Roof Solutions

## Acu-Tread

Textured acrylic elastomeric coating for walkways and decks



### DESCRIPTION

Acu-Tread is a modified acrylic coating utilizing crumb rubber (recycled used automobile tires) which provided a textured finish to lessen the likelihood of slips and falls. It is also extremely flexible and has a high elongation rate. It will expand and contract with the surface it is applied to.

### USES

Acu-Tread is a good waterproofing coating used on roofs, walkways, steps, decks, patio's and other surfaces exposed to medium pedestrian traffic. It can be applied to acrylic coatings, concrete, modified bitumen, single-ply, cap sheet, emulsified and solvent based asphalt membranes.

### FEATURES & BENEFITS

- ✓ Engineered to withstand medium foot traffic
- ✓ Utilized recycled tires, which help lessen the impact of rubber tire waste
- ✓ Highly resistance to abrasion and weathering
- ✓ Provides a tough, flexible, chemical resistant, durable film
- ✓ High elongation offers excellent resistance to movement
- ✓ Impact resistant
- ✓ Easy to use, easy clean up with soap and water, while it is wet
- ✓ Non-toxic, non-flammable
- ✓ VOC compliant water based coating
- ✓ Single-component
- ✓ Clean-up is with soap and water, while it is wet
- ✓ UV resistant

### 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-Tread is ready to use. Thinning is not required or recommended. Mix thoroughly prior to application. Do not apply to wet surface.

Brush: Good quality synthetic bristle brush  
Roller: 3/16" nap roller using a Blue 22 mil Wooster Roller Gauge

**Walk Path:** Mark off area for walk path using painters tape. Apply Acu-Tread with a brush or roller at a rate of 2 gallons per square (100 sqft). Remove painters tape before Acu-Tread dries.

**Deck Coating:** Apply a base coat of Acu-Tread at a rate 1.5 gallons per square (100 sqft). Once base coat has thoroughly dried, apply a finish coat at a rate of 1.5 gallons per square (100 sqft). Finish coat is to be applied perpendicular to the base coat.

# ACU-TREAD

V.O.C.  
47 g./lit.

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-Tread

## Technical Data

Physical Property	Test	Value
Appearance:	Internal	Viscous liquid
Type:	Internal	Acrylic coating
Color:	Internal	Light gray
Viscosity, CPS:	D-2196	>18,000
pH:	E-70	9.0 ± 0.5
Solids by volume, %:	D-2697	50.0 ± 2.0
Solids by weight, %:	D-1644	59.0 ± 2.0
Density, gr/ ml	D-1475	1.22 ± 2.0
Elongation:	D-2370	200 @ 25°C / 77°F
Tensile strength:	D-2370	100 lb/in <sup>2</sup> @ 25°C / 77°F
Permeability:	E-96	23 perms
Total dry time:	D-1640	24 hours *
Low Temperature Flexibility:	D-522	-15F° (-26C°) Passed
Packaging:	5-gallon buckets, 50-gallon drums	

\*estimated time may increase dependent on temperature and humidity

**DRY TIME:** Allow a minimum of 7 days before exposing to foot traffic.

**STORAGE:** Store container in dry protected area between 40°F (5°C) and 113°F (45°C). Do not stack more than three buckets high. Shelf life is 1 year from the date of manufacture.

**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.