

Acu-Base Coat

Primer and UV protective coating for Spray Polyurethane Foam (SPF)



DESCRIPTION

Acu-Base Coat is a single component, water-based acrylic coating designed as a primer and UV protective coating for Spray Polyurethane Foam (SPF). It can also be used as a general purpose primer for Acu-Shield and Acu-Flex coatings.

USES

Acu-Base Coat is used as a primer for SPF, assuring the SPF has a suitable surface to adhere to.

Acu-Base Coat is also used as a UV protective coating applied to new SPF. This product can be used to “hold,” or temporarily protect, SPF from UV radiation; also known as a “night seal”.

FEATURES & BENEFITS

- ✓ Ready to use and easy to apply
- ✓ Provides high adhesive strength to most roof surfaces
- ✓ Excellent adhesion to various substrates
- ✓ Easy to use, clean up with soap and water
- ✓ Non-toxic, non-flammable, and VOC compliant water based coating

Performs well on:

Asphalt BUR	Metal
Mineral Cap Sheet	Concrete
Concrete	Wood
Scarified SPF	Other porous surfaces

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. Adhesion test should be conducted prior to start of coating job.

APPLICATION

Acu-Base Coat is ready to use. Thinning is not required or recommended. Thoroughly mix before use. Must be top coated with Acu-Shield or Acu-Flex.

Spray: Airless sprayer. 2 g.p.m. capacity with a #.517 tip.
Brush: Good quality synthetic bristle brush.
Roller: Long nap roller.

ACU-BASE COAT

V.O.C.
<50 g./lit.

www.energy-seal.com

Manufactured by Advanced Coating Systems, Inc.

Seal It. Conserve It. Protect It.

800-587-3758

Acu-Base Coat

Technical Data

Property	ASTM	Result
Color:		Black
Viscosity:	D 562	113 KU @ 25°C / 77°F
Density:	D 1475	9.4 ± .1 lb/gal
PH:		> 9.4 ± .5
Percent Solids by Volume:	D 2697	38% ± 2%
Percent Solids by Weight	D 1644	45% +/- 2%
Flash Point:		Same as water.
Tensile Strength at Max Stress:	D 2370	194 lb/in ²
VOC	EPA 24	< 50 g/L
Coverage:	100 - 200 square feet per gallon.	
Recommended Coverage:	The number of coats depends on surface condition; however, two coats are recommended.	
Min. Surface Application Temp.:	7.2°C / 45°F. Do not allow to freeze.	
Drying Time estimation:	30 – 60 min @ 24°C / 75°F, 50% relative humidity.	
Packaging:	5-gallon buckets, 55-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.

STORAGE: Store container in dry protective 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 manufacturer date.

CAUTION: Do not apply within one hour 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.