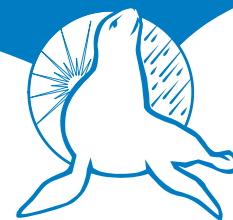


Energy Seal Coatings

Cool Roof Solutions

Acu-Base Coat

Foundation base coat for fabric system



DESCRIPTION

Acu-Base Coat is a single component, water-based acrylic coating designed as a bonding agent to secure our Acu-Fabric to a roof surface. Once cured, it exhibits excellent adhesion and flexibility to a variety of roofing substrates.

USES

Acu-Base Coat is used as a saturation coat to secure Acu-Fabric to a roof surface to form a single-ply roofing membrane. It can be used in a full fabric system or to detail specific areas of a roof such as; parapet wall, penetrations, seams, flashing, or other areas.

FEATURES & BENEFITS

- ✓ Ready to use and easy to apply
- ✓ Provides high adhesive strength to more roof surfaces
- ✓ Prevents premature aging and leaks in roofing
- ✓ Excellent adhesion to various substrates
- ✓ Easy to use, clean up with soap and water
- ✓ Non-toxic and VOC compliant water based coating
- ✓ Dries to form a water-proof surface ideal for top-coating with our Acu-Shield
- ✓ When used in conjunction with our Acu-Fabric, it will create a fully adhered single-ply membrane system
- ✓ Does not become brittle over time
- ✓ Non-toxic, non-flammable
- ✓ Application with airless spray equipment or brush and roller

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. New asphalt shall be exposed to environmental conditions for 90-120 days. Metal surfaces shall be primed with Acu-Metal Prime. 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.

Paint Brush: Good quality synthetic bristle brush, for seam detailing
Deck Brush: Stiff bristle deck brush, for full fabric system

Rolling or spraying Acu-Base coat is not recommended.

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

| Physical Property | Test | Value |
|------------------------------|-----------------------------------|---------------------------------------|
| Appearance: | Internal | Viscous liquid |
| Type: | Internal | acrylic copolymer |
| Color: | Internal | Light blue |
| Viscosity, KU's: | D-562 | 100 min |
| pH: | E-70 | 9.0 + 0.5 |
| Solids by volume, %: | D-2697 | 53.0 + 2.0 |
| Solids by weight, %: | D-1644 | 45.0 + 2.0 |
| Density, gr/ ml | D-1475 | 11.13 + 2.0 |
| Elongation: | D-2370 | 50% @ 25°C / 77°F |
| Tensile strength: | D-2370 | 200% lb/in ² @ 25°C / 77°F |
| Water permeability, perms | E-96 | 8.37 |
| Drying time, to touch: | D-1640 | 1 – 4 hours at 77°F @ 50% RH* |
| Total dry time: | D-1640 | 24 hours * |
| Low Temperature Flexibility: | D-522 | -15F° (-26C°) Passed |
| Fungus resistance, rating: | G-21 | Passed |
| Packaging: | 5-gallon buckets, 50-gallon drums | |
| | | |

*estimated time may increase dependent on temperature and humidity

COVERAGE: Acu-Base Coat is used as a saturation coat for the Acu-Fabric system.

Seam detailing: Apply a thin coat of Acu-Base Coat to the seam or area to be detailed. Roll 4" or 6" Acu-Fabric into the wet Acu-Base Coat. Apply a second coat of Acu-Base Coat to the top of the Acu-Fabric, making sure there are no wrinkles, puckers, folds or bubbles in the Acu-Fabric. Acu-Base Coat should extended 2 inches beyond the edge of the Acu-Fabric.

Saturation coat for Acu-Fabric: Apply first coat of Acu-Base Coat at a rate of 50 - 75 sq.ft./gallon, depending on surface condition and porosity, with a deck brush. While Acu-Base Coat is wet, roll Acu-Fabric onto the first coat; making sure there are not folds, wrinkles, puckers or creases in the Acu-Fabric. Apply a second, saturation coat, of Acu-Base Coat on top of the Acu-Fabric at a rate of 50 - 75 sq.ft./gallon, using the deck brush. Work the Acu-Base Coat into the fabric making sure the Acu-Fabric is completely saturated and there are not any trapped air bubbles under the Acu-Fabric. Total applied rate of Acu-Base Coat is 25 - 35 sq.ft./ gallon. Once dry, the weave of the Acu-Fabric should not be visible.

Total system thickness: 45 dry mils.

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 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 proves to be defective. Installer is responsible to test adhesion and product compatibility with substrate of all Energy Seal Coatings products prior to application.