

Energy Seal Coatings

Cool Roof Solutions

Elastomeric Asphalt™

Single component, elastomeric asphalt emulsion



DESCRIPTION

Single component, a water-based, fiber reinforced, professional grade asphaltic waterproofing material formulated with refined bitumens and elastomeric resin for cold process built-up roofing. Has good adhesion to a variety of different substrates.

USES

Designed to be applied as a cold applied water-proofing compound on roofs, masonry walls and other applications for moisture control. Can be applied to bituminous, metal, concrete, corrugated and other roof surfaces.

FEATURES & BENEFITS

- ✓ Excellent primer for rejuvenating aged asphalt, built-up roofing
- ✓ Provides a durable waterproof seal for hot built-up, asphalt bitumen and sprayed urethane roofing systems
- ✓ Outstanding abrasion resistant
- ✓ Excellent weathering and long term performance
- ✓ Quick drying time
- ✓ Easy to use, easy clean up
- ✓ Can be used for damp-proofing above or below grade foundation walls
- ✓ Non-flammable
- ✓ Odorless
- ✓ Water-based
- ✓ VOC compliant

PREPARATION

Existing roof surfaces must be clean, dry and free of any oil, grease, dirt or other contaminants. Repair damaged roof areas using Acu-Caulk and Acu-Fabric system.

Confirm that the surface to be water-proofed has at least 2% positive drainage. All ponding areas need to be corrected to insure positive drainage.

APPLICATION

This product is ready to use. Mix the material thoroughly to assure uniformity.

Squeegee: 1/4" serrations to apply, smooth, even coat without gaps

Spray: Airless sprayer. 2500 - 4000 psi capacity with a 60/20 or .061 tip*

Brush & Roller: Good quality synthetic bristle brush or a short nap roller

*Contact pump manufacturer to confirm pump will spray a fiber reinforced mastic.

It is recommended to allow cure time of 90 days prior to top coating with Acu-Shield for maximum solar reflectance.

Elastomeric Asphalt

V.O.C.
10 g./lit.

Manufactured by Advanced Coating Systems, Inc.

www.energy-seal.com

Seal It. Conserve It. Protect It.

800-587-3758

Elastomeric Asphalt

Technical Data

Property	ASTM	Result
Color:		Black/ brown
Viscosity:		50,000 ± cps
Density:	D 1475	8.2 lbs. ± .1 lb/gal
PH:		> 8.1 ± .5
Physical Appearance:		Soft paste
Percent Solids by Weight:	D 1644	48% ± 2%
Percent Solids by Volume:	D 1644	52% ± 2%
Flash Point:		Wet film not combustible
Odor:		Very slight
Weatherability:		Excellent
Flammability:		Non-flammable
Permeability		Breathable film
Application temperature: <ul style="list-style-type: none">• Minimum (air & surface)• Maximum (air & surface)		50°F / 10°C 110°F / 43°C
Coverage:		1 gallon per 100 sqft yields approximately 8 dry mils, depending on surface porosity and condition.
Recommended Coverage:		3 - 4 gallons per 100 sq.ft.
Dry Time estimation: <ul style="list-style-type: none">• Skin Time• Cure Time		4 - 8 hours @ 25°C / 77°F, 50% relative humidity 30 – 45 days 25°C / 77°F, 50% relative humidity, test small area for bleed through before top coating.
Packaging:		5 gallon buckets / 50 gallon drums
Clean-up:		Warm soapy water

This coating conforms to all Air Quality Management Districts and Air Pollution Control Districts requirements for Volatile Organic Content in California, U.S.A.

CAUTION: Do not apply within two 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.