

### 1. Product Name

Acrymax® AF-9000 Acrylic Modified Asphalt Emulsion

### 2. Manufacturer

Acrymax Technologies Inc.  
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### 3. Product Description

#### Basic Use

AF-9000 Emulsion is a clay stabilized asphalt emulsion that is modified with 100% acrylic resins. The addition of these acrylic modifiers contributes performance attributes associated with 100% acrylic chemistry. These include durability, UV resistance, water resistance, and low temperature flexibility. Mechanical properties when compared to standard asphalt emulsions including tensile, elongation and recovery are also improved.

#### Features

- Excellent adhesion
- Improved UV Resistance
- Provides excellent base for elastomeric systems.
- Helps to smooth out defects in existing asphalt roofs prior to application of liquid applied elastomeric membranes.
- Meets all VOC requirements

#### Sizes

Container sizes are typically 1 and 5 gallon pails.

#### Colors

AF-9000 is available in black color only.

#### Limitations

Successful coating applications require proper selection of coatings for specific application. Adequate and thorough surface preparation is also required. Comply with manufacturer's recommendations. Do not use on rubber or plastic substrates. Do not use on products containing coal tar. Do not apply if temperatures are expected to fall below 40° F or rain or heavy dew is expected, within 24 hours of application. Acrymax coatings should only be applied to sound surfaces and should not be applied over wet insulation.

#### 5. Installation

**Preparation:** All surfaces must be clean and free of dirt, dust, oil, etc. Power washing is recommended to insure a clean surface. An asphalt primer should be used on chalky or asphalt

surfaces requiring priming prior to application of AF-9000. Priming is not a substitute for proper cleaning.

**Application:** Acrymax AF-9000 can be applied by brush, squeegee, roller, or spray. Stir well before use. Do not thin or dilute. Consult guidelines for specific application type for detailed preparation, application, and coverage information.

**Coverage:** Acrymax AF-9000 should be applied at the minimum rate of 1 to 2 gallons per 100 square feet per coat. Total Application rates will vary from 1-7 gallons per 100 square feet depending on condition of surface, use of reinforcing fabric, intended use, topcoats, etc. Coverage will vary depending on alligating or irregularity of existing asphalt surfaces.

### 4. TECHNICAL DATA

#### Typical Properties (Liquid Coating)

wt/gal (lbs.)	8.3 – 8.7	D6511
% Solids by Weight	48 - 52	D6511
% Solids by Volume	48 - 52	D6511
Viscosity (cps)	6500 – 10000	Brookfield RVT
V.O.C.	0	EPA Method 24A
Flash point	NA	

#### Typical Physical Properties ( 20 mil Cured film)

Elongation at max stress	50% @ 74° F	ASTM D-412
Elongation at break	130% @ 74° F	ASTM D-412
Tensile Strength at max stress	75psi @ 74° F	ASTM D-412

Approvals	Consult manufacturer for information on approvals of various products by industry agencies or other entities.	
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Calculate coating materials required for project based on total square feet to be coated. Include reinforcing as necessary. Apply in a workmanlike manner in the required number of coats to achieve desired result and specified final coating thickness.

It is suggested that a minimum of 10% be added to area to be coated when calculating material requirements to insure complete and adequate coverage.

See specific application guidelines or consult Acrymax for further information and material requirements.

**Drying Time:** Drying time depends on temperature, direct sunlight, air movement, relative humidity, dew point, etc. and can vary considerably. Allow minimum of 2 - 4 hours between coats. Do not apply Acrymax AF-9000 when rain, dense fog, or freezing temperatures are possible within 24 hours after application. It is the responsibility of the applicator or foreman on the job to determine if present and forecast weather conditions are acceptable for application of waterborne coatings.

**Clean-up:** Clean up with soap and water before coating dries. AF-9000 will not easily redissolve after drying, so pumps and other application equipment should be cleaned immediately following use and before coating dries. Mineral spirits can be used to remove dried coating.

## 6. Availability and Cost

Acrymax coatings are available from Acrymax and through select distributors throughout the United States.

Cost information may be obtained from the manufacturer at the number listed in section 2.

## 7. Warranty

**Limited Material Warranty:** Since Acrymax does not control the application of its products, or the condition of the surfaces to which they are applied; Acrymax's liability will under no circumstances exceed replacement of the product proven defective. Acrymax limited material warranty is available when all materials are used in strict accordance with all of Acrymax's requirements and recommendations. Acrymax's sole responsibility under this limited material warranty is for defective material and Acrymax's only obligation shall be to either replace or refund the purchase price of the materials or part thereof proven to be defective. No statement by anyone may supersede this limited material warranty, except when done in writing by Acrymax's Technical Service Office in Media, PA. Specific projects that meet certain requirements may qualify for extended or system warranties. Consult Acrymax for complete warranty information.

## 8. Maintenance

Periodic inspections are advised for all coating projects. An occasional cleaning and/or recoating of surfaces may be required depending on environmental conditions to which material surface is exposed. Repair as necessary.

## 9. Technical Services

Factory service personnel offer design assistance and technical support. For technical assistance, contact Acrymax.

## 10. Disclaimer

The technical data and suggestions for use contained in this document and Acrymax published product information are believed to be true and accurate as of the date of issuance. The statements contained in these product information publications do not constitute a warranty, expressed or implied, as to the performance of these products. All technical information is subject to change without notice.

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Read and comply with Material Safety Data Sheet