

1. Product Name

Acrymax® AF-100 Concrete and Masonry Sealer

2. Manufacturer

Acrymax Technologies Inc.
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3. Product Description

Basic Use

A water dispersion of thermoplastic acrylic polymers used to seal concrete and masonry substrates. AF-100 is non-flammable and essentially non-toxic making it safer and easier to use by any method. Dries quickly and rapidly develops hardness. Produces a glossy wear resistant barrier against salt spray, gasoline, oil, and water penetration.

- Protection of masonry and concrete from water penetration and salt spray.
- Sealer for concrete to protect against gasoline and oil penetration.
- Sealer to prevent dusting of concrete.
- Primer for concrete surfaces prior to application of Acrymax elastomeric roof systems.

Features

- Durable: Long wearing even under industrial conditions.
- Cleanable: Easily cleaned with detergents.
- Environmentally safer than solvent-borne systems.

- Recoatable: Only necessary to clean the worn or damaged area and apply additional AF-100. High intercoat adhesion permits recoating after long periods of traffic.

Sizes

Container sizes are typically 1 and 5 gallon pails and 55-gallon drums.

Colors

AF-100 is a clear sealer.

Limitations

Successful coating applications require proper selection of coatings for specific application. Comply with manufacturer's recommendations. Adequate and thorough surface preparation is required. Do not apply when rain, fog, or freezing temperatures are possible within 24 hours after application. Acrymax coatings should only be applied to sound and properly prepared surfaces.

4. Technical Data

Typical liquid coating properties	
% weight solids	15%
Gloss	Good
Film clarity	Excellent
Adhesion	Excellent to most substrates
Resistance to	
Detergent	Excellent
Water	Excellent
Gasoline	Excellent
Solvent	Good
Oil	Excellent
Salt spray	Good

Approvals

Consult manufacturer for information on approvals of various products by industry agencies or other entities.

5. Installation

Preparation: All surfaces must be clean and free of dirt, dust, oil, etc. Power washing is recommended to insure a clean surface. Acid etching with muriatic acid may be appropriate. Conform with manufacturer's recommended procedures for acid etching.

Application: Apply AF-100 by roller, brush, lambs wool applicator or spray. Two coats are suggested. If being used as a primer on concrete prior to application of Acrymax elastomeric roof system then only one coat is required. On horizontal surfaces the surface should be flooded and should have a slightly white appearance while wet. Do not spread AF-100 excessively.

Coverage: 200 - 250 square feet per gallon per coat. Coverage may vary depending on surface condition and porosity. 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 detailed 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 1 hour between coats. Do not apply Acrymax coatings when rain, 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. Waterborne coatings will not redissolve after drying, so pumps and other application equipment must be cleaned immediately following use before coating dries.

6. Availability and Cost

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

Cost information may be obtained from local distributors or through 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. Consult Acrymax for complete warranty information.

8. Maintenance

Periodic inspections are advised for all 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