

1. Product Name

Acrymax® AF-130QS Quick-Set
Elastomeric Acrylic Coating

2. Manufacturer

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3. Product Description

Basic Use

AF-130-QS is a durable water-dispersed mastic based on 100% acrylic polymers. AF-130-QS is formulated to substantially reduce the application problems related to atmospheric moisture such as high humidity, heavy dew, or light rain. After a drying time as short as 10 minutes, AF-130-QS develops resistance to flow or disruption by water saturation. The coating cures to a high-performance membrane that combines the outstanding sunlight and weathering ability of Acrylics with permanent elastomer flexibility and elongation. Being water-dispersed AF-130QS is safe and easy to apply.

Features

- Excellent adhesion
- UV Resistant
- Mildew resistant
- Provides barrier to ultraviolet light to prevent degradation of underlying substrate
- Reflective white and light colors lower roof surface temperatures which can help reduce cooling costs
- Excellent dirt pick-up resistance
- Environmentally friendly waterborne formulation

- Meets all VOC requirements

Sizes

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

Colors

AF-130QS is available in white, aluminum gray, and concrete gray. Other standard Acrymax colors and custom colors are available by special order.

Limitations

Successful coating applications require proper selection of coating system for specific application. Comply with manufacturer's recommendations. Adequate and thorough surface preparation is required. Elastomeric coating systems are designed for application to smooth surfaces. While the "quick-set" properties of AF-130QS allow it to resist moisture the coating does not dry

4. TECHNICAL DATA		
<i>Typical Properties (Liquid Coating)</i>		
Weight per Gallon	12.1 +/- .3 lbs	ASTM D1475-90
% Solids by Weight	65.8 +/- 2	ASTM D2369-97
% Solids by Volume	50.8 +/- 2	ASTM D2697-86
Pigment volume concentration	43.0 +/- 2%	
Viscosity	95- 115 kU	ASTM D562-01
V.O.C.	< 100 g/l	ASTM D3960-01
pH	9-8 – 10.3	ASTM E70-97
Flash point	N/A	
<i>Typical Physical Properties (20 mil Cured film)</i>		
Low temperature flexibility	Passes 1/8" mandrel bend @ -15°	ASTM C-734
Elongation at max stress	220% @ 74° F 80% @ 0° F	ASTM D-412
Elongation at break	370% @ 74° F 140% @ 0° F	ASTM D-412
Tensile Strength at max stress	210 psi @ 74° F 505 psi @ 0° F	ASTM D-412
Tensile Strength at break	175 psi @ 74° F 425 psi @ 0° F	ASTM D-412
Recovery after 25% elongation	65%	ASTM D-412
Permeability (20 mil film)	<20 perms	ASTM E96-80
Accelerated Weathering	no effect after 2 years weatherometer	ASTM G-53
<i>Approvals</i>	Consult manufacturer for information on approvals of various products by industry agencies or other entities.	

any faster. The applied coating can not be walked on or mechanically disturbed until fully dry. 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 and should not be applied over wet insulation.

5. Installation

Preparation: All surfaces must be clean and free of dirt, dust, oil, and other contaminants that can interfere with adhesion. Power washing is recommended to insure a clean surface. Primers should be used as appropriate for the surface to be coated. Consult appropriate system specification or Acrymax for information regarding priming. Priming is not a substitute for proper cleaning.

Application: Acrymax AF-130QS can be applied by brush, roller, or spray. Do not thin or dilute. Consult guidelines for specific type of application or substrate to be coated for detailed preparation, application, and coverage information.

Coverage: Acrymax AF-130QS should be applied at the minimum rate of 1 to 1.5 gallons per 100 square feet per coat to provide a uniform, pinhole free, and continuous membrane over entire surface. Two coats minimum. If applied over AF-130BC then minimum of one coat required. Material requirements will vary depending on surface condition, service conditions, and the warranty requirements of the specific job. It is suggested that a minimum of 10% be added to calculated material requirements to account for overspray or applicator error to provide for complete and adequate coverage.

Acrymax elastomeric coating systems should be applied to achieve a minimum dry film thickness (dft) of 15 mils. At minimum application rates the

elastomeric system will provide a reflective and or protective coating. For waterproofing applications the applied dry film thickness of the coating should be 30 mils or more. Polyester reinforcement fabric should be used if necessary. When reinforcement is used minimum membrane thickness should be 40-45 mils. See specific system 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 2 hours between coats. Do not apply at temperatures below 45°F or 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 and 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 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. 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 projects. An occasional cleaning and/or recoating of surfaces may be required depending on environmental conditions to which material 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