

1. Product Name

Acrymax® AF-130TPO
Elastomeric Acrylic Roof Coating
Basecoat for weathered TPO

2. Manufacturer

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3. Product Description

Basic Use

A superior quality 100% acrylic elastomeric coating formulated for maximum adhesion to aged (four years or greater) TPO (Thermoplastic PolyOlefin) roofing membranes. This product is typically used as a basecoat formulation to provide improved adhesion. Top coat with AF-130, AF-130QS, or AF-130XT.

Features

- Improved adhesion to TPO
- Used as basecoat for other high performance elastomeric roof coatings
- Excellent flexibility at temperatures as low as -15 °F
- Easily saturates polyester reinforcing fabrics.
- Environmentally friendly waterborne formulation
- Meets 50 g/L VOC requirements

Sizes

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

Colors

Standard colors for AF-130TPO are white and a buff color. Also available in other colors by special order.

Limitations

Successful coating applications require selection of proper coating system for specific project. Comply with manufacturer's recommendations. Adequate and thorough surface preparation is required. Elastomeric coating systems are designed for application to smooth surfaces. Do not apply when rain, fog, or freezing temperatures are possible within 24 hours after application or when temperature can fall below the dew point before coating can dry. Acrymax roof coatings should only be applied to sound and properly prepared surfaces and should not be applied over wet insulation.

4. Technical Data

Liquid coating

Vehicle Type	Acrylic Emulsion
% volume solids	50.5 +/- 3.0
% weight solids	64.0 +/- 3.0
Density [lb/gallon]	11.8 +/- 0.2
Viscosity [KU]	115
VOC [g/l]	50
Ph	10.2

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 required to insure a clean surface. PR-101 Rinse Primer or TSP Substitute can be spray applied over the surface to

be coated followed by thorough powerwashing with water at a minimum pressure of 2500-3500 psi. All residual cleaning agents must be removed; otherwise, they will interfere in the adhesion of coatings.

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

Coverage: Acrymax AF-130TPO 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 coating over the entire surface being coated. Finish coat(s) should be applied after allowing AF-130TPO to thoroughly dry. When used with Polyester reinforcing fabric the minimum application rate is 2.5 to 3 gallons per 100 square feet to embed and saturate fabric before application of finish coats. Coverage may vary depending on condition and porosity of surface being coated. Warranty requirements and the service conditions of the specific job must also be considered. It is suggested that a minimum of 10% be added to area calculated material requirements to account for overspray or applicator error and 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 system should be 25 - 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. Do not apply during times of extreme heat or when humidity is greater than 90%. 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 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 directly from Acrymax and through select distributors. 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 cost 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 coated surfaces may be required depending on environmental conditions to which the coating system 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