PC-535
PRODUCT DATA

1. Product Name

Acrymax® PC-535 Elastomeric Rust Inhibitive Primer

2. Manufacturer

Acrymax Technologies Inc.
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3. Product Description

Basic Use:
PC-535 is an environmentally responsible DTM (Direct-to-Metal) waterborne acrylic primer, containing corrosion inhibiting pigments (no toxic compounds such as chromium or lead). PC-535 provides long-term corrosion protection with service life equal to or exceeding conventional corrosion inhibiting coatings, with the added benefits of extreme low temperature flexibility and low VOCs.

Features
- Elastomeric
- Long-term corrosion protection.
- Environmentally friendly waterborne formulation
- No flash rusting.
- Rapid dry and development of properties.
- Easily applied by spray, brush, or roller.
- Meets VOC requirements

Size:
Container sizes are typically 1 and 5-gallon pails.

Colors:
PC-535 is available in standard aluminum gray color. Other colors are available by special order with minimum quantities required.

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. 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 coatings should only be applied to sound and properly prepared surfaces.

4. Technical Data

Liquid coating

Vehicle Type	Acrylic Emulsion
% volume solids	50.1 +/- 2.0
% weight solids	61.1 +/- 2.0
Density [lb/gallon]	10.7 +/- 0.3
Viscosity [KU]	~105
VOC [g/l]	<50

5. Installation

Preparation:
Surfaces must be properly prepared before applying PC-535. Power-washing is recommended to insure a clean surface. Minimum preparation standards SSPC – SP2 Hand Tool Cleaning. Remove all dirt, dust, grease, oil, mill scale, old paint, and all foreign material, including soluble salts and other non-visible contaminants. Refer to Acrymax technical bulletins regarding preparation of surfaces to be coated.

Remove rust with wire brushes, steel wool, sandpaper, scrapers, or brush off sand blast. Wipe surface clean with solvent dampened, lint free rag. Blow off all dust with a clean air source immediately before applicaton of coating. All surfaces must be *clean* and *dry* prior to application.

Application:
Acrymax PC-535 can be applied by brush, roller, or spray. Do not thin or dilute.

Spray Painting Recommendation:
Spray equipment should be capable of 2500 – 3000 psi with output of 1 to 2.5 gallons per minute. A "Reverse-a-Clean" tip with a tip size from .027 to .041 should be used.

Coverage: As a rust-inhibitive primer the *minimum* recommended dry film thickness (dft) for Acrymax PC-535 is 8 -15 mils. To achieve this film thickness, apply PC-535 at the rate of 1 to 2 gallons per 100 square feet. Apply in one or more coats in a manner to provide a uniform, pinhole free coating over entire surface. Coverage may vary depending on surface to be coated.

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 PC-535 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 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 directly from Acrymax and through select distributors. 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. 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 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.

Publication: PC-535 Product Data
Date: 10-01-10

Read and comply with Material Safety Data Sheet