

07560 Membrane Roofing/Acrylic Primers

1. PRODUCT NAME

RustShield A120 Low VOC
Water Based Rust-Inhibitive Primer

2. MANUFACTURER

NATIONAL COATINGS CORP.
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3. PRODUCT DESCRIPTION

RustShield A120 is water-based primer to be used over ferrous metal surfaces and properly prepared rusted surfaces, to provide excellent resistance to flash rusting.

A120 is excellent for use over:

- Metal Roof Decks
- Metal Side Walls
- Rail Cars
- Pipes and Equipment
- Tank Exteriors
- Structural Steel

BENEFITS:

- *Single Component*
- *Resistant to Flash Rusting*
- *Outstanding Corrosion Protection*
- *Low Odor*
- *Low VOC*

4. INSTALLATION

- Apply by spray, brush, or roller.
- Surface Preparation:
Abrasive blasting to SSPC-SP6 is normally recommended. However, power tool or hand tool cleaning in accordance with SSPC-SP3 or SSPC-SP2 is acceptable. Remove all dirt, oil, grease, rust scale and contaminants. New galvanized metal must be free of form oils and may require light sanding or etching.
- Mix thoroughly before using. May be mixed with water up to 5%.
- Apply at temperatures above 50°F, and only when weather conditions will permit drying before rain, dew or freezing temperatures.
- Cool temperatures and high humidity retard cure.

5. LIMITATIONS

Surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of **RustShield A120** requires complete evaporation of water. Cool temperatures and high humidity retard cure. Do not leave product exposed to elements for more than 48 hours to prevent weathering and dirt pick up that will compromise adhesive performance properties.

6. STORAGE

Store materials between 40°F and 100°F to prevent damage to products. Do not store at high temperatures or direct sunlight. Protect all materials from freezing during transit, handling, storage, and installation. Minimum one year shelf life if stored at 40°F-90°F.

7. AVAILABILITY AND COST

RustShield A120 may be purchased directly from National Coatings. For information call 800-423-9557.

8. WARRANTY

Various warranties are available for **A120** when used with specific AcryShield® Restoration Systems installed by approved applicators.

9. MAINTENANCE

Periodic maintenance of AcryShield Restoration Systems containing **A120** ensures extended performance and reduces life-cycle costs.

10. TECHNICAL SERVICES

Additional information, product brochures, and installation guide specifications are available.

11. FILING SERVICES

Additional product information is available from National Coating.

TECHNICAL DATA

Properties	Test Method	Average Value A120
Color		Buff
Theoretical Coverage	Calculated by formula	192 sq. ft/gal.
Solids by Volume (%)		38% (+/-2%)
Weight per Gallon (lbs.)	Pensky-Martens Closed Cup	11
Flash Point		>200°F
Temperature Resistance		235°F
VOC	EPA Method 24	0.35 lbs./gal. (42 g/l)
Clean-up		water
Drying Time (hrs.) 75°F		2*

*Drying time is dependent on temperature & humidity.

This product is for industrial/commercial applications only. These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control.

