

Acu-Rust Prime

Durable Acrylic Primer for Metal Surfaces



DESCRIPTION

Acu-Rust Prime is an iron oxide, zinc rich durable acrylic primer for rusted metal surfaces. Inhibits rust growth while protecting against the development of new rust.

USES

Any rusted or non-rusted metal surface which is to be protected from existing rust and prevent future rust from occurring.

FEATURES & BENEFITS

- ✓ Engineered to be used as a rust primer to lock-down rust.
- ✓ Provides a tough, adhesive, chemical resistant, durable film.
- ✓ Excellent adhesion to rusted metal substrates.
- ✓ Quick drying time.
- ✓ Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

PREPARATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. High pressure water washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

APPLICATION

Acu-Rust Prime is ready to use. Thinning is not required or recommended. Topcoating with Acu-Shield is required.

Spray: Airless sprayer. ½ g.p.m. capacity with a #517 tip.

Brush: Good quality synthetic bristle brush.

Roller: Short nap roller.

ACU-RUST PRIME

V.O.C.
122 g./lit.

www.energy-seal.com

Manufactured by Advanced Coating Systems, Inc.

Seal It. Conserve It. Protect It.

800-587-3758

Acu-Rust Prime

Technical Data

Property	ASTM	Result
Color:		Iron oxide red
Viscosity:	D 562	103 ± 3 KU @ 25°C / 77°F
Density:	D 1475	9.36 ± .1 lb/gal
PH:		> 8.8 ± .5
Percent Solids by Volume:	D 2697	24% ± 2%
Percent Solids by Weight:	D 1644	32% ± 2%
Flash Point:		Same as water.
% Elongation at Break:	D 2370	401%
Tensile Strength at Max Stress:	D 2370	224 lb/in ²
Flexibility:	D 522	Pass (-5°C)
Fungi Resistance:	G 21	Zero growth
Coverage:		Light Rust: 250 – 400 square feet per gallon. Heavy Rust: 100 –150 square feet per gallon..
Recommended Coverage:		The number of coats depends on surface condition; however, two coats are recommended.
Min. Surface Application Temp.:		7.2°C / 45°F. Do not allow to freeze.
Drying Time estimation:		3 hours @ 25°C / 77°F, 50% relative humidity.
Packaging:		5-gallon buckets, 50 gallon drums.

Some separation may occur during shipping and storage, therefore the contents of each container should be thoroughly mixed prior to application. Shelf life for this product is 12 months, unopened, from the date of manufacturer.

CAUTION: Do not apply within two hours of sunset, rain, fog or freezing temperatures. All coatings must be completely dry before exposing to water or foot traffic. Keep all containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.

Our technical data and suggestions are based on information from laboratory and field testing which we believe to be reliable and correct. However, the accuracy and completeness of said tests are not guaranteed and not to be construed as a warranty, either expressed or implied. Since the use of the material is beyond manufacturer's control, buyer assumes all risk whatsoever as to their use or results obtained. We guarantee our products conform to Advanced Coating Systems, Inc. quality control. Advanced Coating Systems, Inc. warrants only the standard quality of material. Advanced Coating Systems, Inc. sole responsibility shall be to replace that portion of our product, which proved to be defective. Installer is responsible to test adhesion and product compatibility with substrate of all Energy Seal Coatings products prior to application.