

Conklin Encase

Rust Inhibiting Metal Primer

Manufacturer:

Conklin Company Inc.
551 Valley Park Drive
Shakopee, Minnesota 55379
(800) 888 – 8838 Fax (952) 496 – 4285

Product Description:

Basic use: An effective exterior or interior rust inhibiting metal primer for use on both new and rusted metal surfaces. Can be used on a variety of metal structures. Conklin Encase is a water-based primer. This unique vehicle penetrates through rust, driving out air. The formula provides a suitable base coat for many water-based products.

Limitations: Must not be applied at temperatures below 40°F or during inclement weather. Surface temperature must be at least 5°F above dew point and relative humidity less than 80 percent to ensure dry surfaces. Must be mixed thoroughly before use. Conklin Encase can be top coated with Conklin acrylic coatings with proper curing, with early recoats giving best adhesion results.

Sizes: 5-gallon containers and 55-gallon drums

Coverage Rate: Coverage rates will vary depending on roof condition. Conklin Encase should yield approximately 325 sq. ft. per gallon.

Companion Products:

- PUMA XL® urethane modified roof coating
- Equinox® acrylic latex roof coating
- Benchmark® acrylic latex roof coating
- Rapid Roof® III acrylic latex roof coating
- Rapid Roof® HV acrylic latex roof coating

Product Properties:

Resin Type	Acrylic
Color	Gray
Coverage	325 sq. ft./gallon
Density	10.4 lbs./Gallon
Thickness	2 Dry Mills
Temperature:	Do not apply at temperatures less than 40° F. or during inclement weather
Dry Time*	2 to 4 hours
Fire Resistance**	Not combustible
Number of Coats	One Coat
VOC Content	38g/L (0.312 lbs./gal.)
Solids % by weight	60%
Solids % by volume	50%
Solvent	Water

*Dry time for Conklin Encase will vary depending on temperature, humidity, thickness at which the product is applied and wind. Lower wind speed, higher humidity or higher wet film thickness will increase the dry time in excess of the reported average.

**Refer to Underwriters Laboratories Roofing Materials and Systems directory for specific fire resistant assemblies or contact Conklin Company Building Products Division.

Application

Mixing/thinning: Always mix thoroughly before use. Do not thin Conklin Encase.

Surface Preparation:

New or Old Galvanized Steel: Prepare rusty or deteriorated surfaces by wire brushing, scraping or sandblasting to remove loose rust, scale, or deteriorated paint. Spray the surface with a 1:20 solution of Rust Off multipurpose rust and oxide film remover. Rinse thoroughly with water to remove any trace of dirt or chemical residue. Allow to dry thoroughly. Prime with Conklin Encase.

New or Old Non Galvanized Steel: Prepare rusty or deteriorated painted surfaces by wire brushing, scraping or sandblasting to remove

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loose rust, scale, or deteriorated paint. spray the surface with a 1:20 solution of Rust Off multipurpose rust and oxide film remover. Rinse thoroughly with water to remove any trace of dirt or chemical residue. Allow to dry thoroughly. Prime with Conklin Encase.

Application: Brush application is best for touch up and small jobs. A quality, natural fiber brush is recommended. For large application, apply at a rate of 325 square feet per gallon. A roller or spray equipment is recommended. Allow to dry prior to top coating. Use of a .015 to .017 spray tip is recommended to ensure proper coverage.

Factory finished Metal Surfaces (Siliconized polyester and Kynar coatings): Thoroughly clean surface with a 1:20 solution of Rust Off multipurpose rust and oxide film remover. Rinse thoroughly with clean water and remove any trace of dirt or chemical residue. Allow to dry completely. Prime with Conklin Encase.

* Pull tests should always be performed prior to coating. See Tech Bulletin: B-6-06-48

Disposal:

Dispose of product in accordance with local state and federal regulations governing hazardous waste.

Safety:

Warning: HARMFUL OR FATAL IF SWALLOWED. CONTACT A PHYSICIAN IMMEDIATELY. Keep out of the reach of children. If spraying use a NIOSH-approved dust/mist mask.

First Aid: Eyes – immediately flush with plenty of water for at least 15 minutes. If a contact lens is present, **DO NOT** delay irrigation or attempt to remove the lens until flushing is complete. Skin – wash with soap and water, followed by a thorough rinse. Ingestion, if swallowed, **DO NOT INDUCE VOMITING**, dilute with three to four glasses of water. Immediately call a Poison Control Center or physician for further instructions. Inhalation – immediately move to fresh air.

For US Health Hazard Information, call:

1-888-786-0974

Proposition 65 Statement: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

VOC Concentration: as applied (less water and exempt solvents): **38g/L** (0.312 lbs./gal.)

Storage:

Keep containers tightly closed when not in use. Store in a cool place, above 40° F. Keep from freezing.

Clean-up:

While the coating is still wet, clean yourself, tools and the area with water. If the coating is not fully dry, it can easily be removed with a solution of MOX® Multipurpose Cleaner and water.

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