

## INTER-COAT 1500

### RUST PREVENTIVE URETHANE COATING

INTER-COAT 1500 is a rust preventive urethane coating formulated to apply directly on rusted metal, properly prepared bare metal, aluminum, galvanized steel, stainless steel, fiberglass and concrete. Dries to a hard, tough yet flexible non-porous finish. Will not crack, peel or chip. Permanently seals out moisture to prevent rust from occurring. Ferrous metal will not rust if you can keep moisture away from it. When used as directed INTER-COAT 1500 provides a non-porous barrier that encapsulates the surface to protect against moisture, chemicals and abrasion.

#### DIRECTIONS:

1. Do not open can until you are ready to paint.
2. Stir contents well. Do not shake.
3. Keep lid groove of can clean when stirring. If lid is applied with coating in the lid groove, the can will be permanently sealed. If you are not using the entire can, remove what you need using a small cup or scoop to transfer the coating into another container. NOTE: Leftover paint should not be poured back into the original container as this will shorten the shelf life of the product. Keep can closed when not in use. Product is moisture sensitive.
4. Clean surface with IES 1700 Super Cleaning Solvent or IES 1780 Specialty Adhesive Remover to remove grease, oil and other contaminants. Do not use other cleaners that may contain mineral spirits for they will leave an oil film that will prevent INTER-COAT 1500 from adhering to the surface.
5. If surface is rusted, remove loose rust and scale using a coarse wire brush. If you desire to remove all the rust for aesthetic reasons or you feel more secure and want to neutralize the rust and etch the surface, use IES Rust Raider (See directions for Rust Raider).
6. For smooth steel, aluminum and galvanized surfaces, spray IES Rust Raider on the surface. Keep wet for 15-30 minutes and then rinse off with water and allow to completely dry. This will etch the surface to insure a proper bond.
7. Apply using a brush, roller or spray gun. Apply in thin coats (1 to 2 mil) with a minimum of two coats. For extreme industrial or marine environments, use a minimum of 3 coats. INTER-COAT 1500 is usually applied with a brush, but can be sprayed. When spraying, use 20-35 lbs. of pressure. Higher pressure will produce higher gloss, lower pressure will produce a lower gloss. When spraying, air-supplied respirators must be used. To avoid breathing vapors when brushing or rolling, use an organic vapor particulate approved NIOSH/MSHA respirator in a proper, well ventilated area. Allow 3 to 5 hours (dry to the touch) before applying second coat or topcoating. If topcoating a fully cured (overnight) INTER-COAT 1500, wet sand with 600 grit sandpaper to scuff the surface, then topcoat.

If thinning INTER-COAT 1500, use IES 1700 Super Cleaning Solvent or IES 1780 Specialty Adhesive Remover. Do not thin more than 5%. Use IES 1700 or IES 1780 for cleanup. This must be done before INTER-COAT 1500 is dry.

INTER-COAT 1500 is UV sensitive. For applications directly exposed to ultraviolet light, INTER-COAT 1500 should be topcoated with a UV protective coating.

NOTE: INTER-COAT 1500 stops rust and provides a very durable coating, but be aware it is not a cosmetic coating and may show different variations in gloss and surface texture depending on the method of application and the surface it's applied to.

**Refer to MSDS and Product Technical  
Sheets when using all IES products.  
Available online at [www.useies.com](http://www.useies.com)**



Rust Preventive Urethane Coating  
Seals Out Moisture  
May Be Applied Directly Over Rust  
Will Not Crack, Chip Or Peel  
Dries Super Hard, Tough, Yet Flexible

#### Technical Data:

Color:	Black
Components:	One Component isocyanate
Curing Mechanism:	Moisture Cure
Flammability:	Classified as COMBUSTIBLE
Flash Point:	145°F / 63°C
VOC (%):	28% Wt. (32% Vol)
Solids:	72% Wt (68% Vol)
Weight:	8.59 - 8.90 lbs/gal
Specific Gravity:	1.03 - 1.07@77°F
Viscosity:	300 - 650 cps@77°F
Cure Rate:	2 to 6 hours dependant on temperature and humidity.*
Coverage (@ 3 mils):	Approx. 96 sq. ft per quart. 384 sq. ft. per gallon.
Recommended Coats:	2 minimum. For marine or industrial use 3 coats.
Chemical Resistance:	Excellent
Adhesion:	Excellent
Durability: Interior:	Excellent
Exterior:	Must be topcoated
Application Temperature:	For best results: 50-90°F / 10-38°C (under 80% humidity)
Service Temperature:	Up to 450°F
Shelf Life:	1 year (unopened container)

#### PRODUCTS AVAILABLE

1500-BLK-PT	1 Pint	6 per case
1500-BLK-QT	1 Quart	4 per case
1500-BLK-GAL	1 Gallon	1 per case

NOTICE TO PURCHASER: The user shall determine the suitability of the product for their intended use and assume all risk and liability in connection therewith. The manufacturer's only obligation shall be to replace such quantity of the product proved to be defective.