

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.

TECHNICAL DATA

Color:	Black
Components:	One Component isocyanate
Curing Mechanism:	Moisture Cure
Flammability:	Classified as COMBUSTIBLE
Flash Point:	145°F / 63°C
VOC (%):	20 - 27% Wt.
Solids:	73 - 80% Wt.
Weight:	8.1 - 8.5 lbs/gal
Specific Gravity:	.97 - 1.02 @ 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:	Best results: 50-90°F / 10-38°C (under 80% humidity)
Service Temperature:	Up to 450°F
Shelf Life:	1 year (unopened container)

PRODUCT RECOMMENDATIONS: Do not open can until you are ready to paint. Stir contents well. Do not shake. 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.

DIRECTIONS - THREE STEP PROCESS FOR STOPPING RUST!

1. Remove loose rust and scale from the surface using a coarse wire brush. Clean surface with IES All Purpose Cleaner/Degreaser to remove grease, oil and other contaminants. Rinse and allow to dry.
2. Neutralize, etch & convert the surface by applying IES Rust Raider Surface Prep. Keep surface wet for 20-30 minutes and then rinse off with water and allow to completely dry. This will etch the surface to insure a proper bond.

DIRECTIONS (con't)

3. Apply Inter-Coat 1500 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. Allow 3 to 5 hours (dry to the touch) before applying each additional or top coating. If top coating a fully cured (overnight) INTER-COAT 1500, wet sand with 320 grit sandpaper to scuff the surface, clean thoroughly and then topcoat.

INTER-COAT 1500 is usually applied with a brush, but can be sprayed. When spraying, use 20-35 lbs. of pressure. 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.

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

PRODUCT AVAILABLE

1500-BLK-PT	Black	1 Pint	6/case
1500-BLK-QT	Black	1 Quart	4/case
1500-BLK-GAL	Black	1 Gallon	1/case
1500-SBLK-PT	Semi-Gloss Blk	1 Pint	6/case
1500-SBLK-QT	Semi-Gloss Blk	1 Quart	4/case
1500-SBLK-GAL	Semi-Gloss Blk	1 Gallon	1/case
1500-CLR-PT	Clear	1 Pint	6/case
1500-CLR-QT	Clear	1 Quart	4/case
1500-CLR-GAL	Clear	1 Gallon	1/case
1500-GRY-PT	Gray	1 Pint	6/case
1500-GRY-QT	Gray	1 Quart	4/case
1500-GRY-GAL	Gray	1 Gallon	1/case

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. International Epoxies & Sealers shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith.