



AMERICAN COATINGS

RL - 101 RUST - LOK CONVERTER

A high quality RUST CONVERTER and PRIMER.

GENERAL FEATURES

- CONVERTS RUST TO A NON-RUSTING CRYSTALLINE MAGNETITE
- NO HEAVY METALS
- APPROVED FOR USE ON WELDS
- EXCELLENT ADHESION

DESCRIPTION

American Coatings RUST – LOK CONVERTER stops rust and prevents further rusting by converting rust to a non-rusting crystalline magnetite. The low viscosity cream-colored RUST – LOK CONVERTER reacts with rust to produce a black-colored, paintable surface with excellent adhesion.

USES

Use on rusted surfaces to stop and prevent further rusting. Use on agricultural equipment, automobile and trailer chassis, barges, bridges, chemical processing units, conveyors, corroded galvanized surfaces, drilling rigs, pipelines, railings, fences, refineries, ships, and storage tanks or any surface where abrasive blast cleaning is prohibited or too costly.

Not recommended on stainless steel, aluminum or on steel where no corrosion is present.

TOPCOATING

Recommended topcoats include alkyd, acrylic, and polyurethanes.

SAFETY INFORMATION

Always consult the specific MSDS before use for specific safety information.

Note that this material contains tannic acid as a chelating agent. Wear eye protection, gloves and other protective equipment while applying. Tannic acid reacts with the skin to give black stains.

PHYSICAL DATA

Color ----- Milky white to cream that dries to a dark brown or black.

Components ----- One

Cure ----- Air-dry

Volume Solids----- 29%

Recommended Dry Film

Thickness ----- 1mil

Number of Coats ----- Two

Application Method ----- Brush or roller preferred.

Thinning Required----- None

Dry Time @ 77°F and 50% relative humidity.

Touch ----- 1 hour

Through ----- 12 hours

Topcoat ----- 24 hours

*Theoretical Coverage at:
Recommended Thickness----- 500 sq.ft/gal.
(assumes no loss or surface roughness)

Miscellaneous Properties

Shelf life ----- 1 year

Store above 32°F and less than 90°F.

*Theoretical Coverage: no provision for spray loss



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APPLICATION INFORMATION

1. Apply between 50°F and 90°F.
2. Pour out only the estimated amount of RUST –LOK 101 CONVERTER required for the job into a separate container. DO NOT RETURN UNUSED MATERIAL TO THE ORIGINAL CONTAINER.

APPLICATION METHOD

1. Remove blistered and loose paint, loose rust scale and heavy rust build up. Remove all oils, grease, salt and water-soluble chemicals with American Coatings TH100 Heavy Duty Cleaner and rinse thoroughly with water.
2. Prepare surface in accordance with SSPC SP 2. Best results are obtained when a thin layer of rust is left on the surface.
3. Apply coating by brushing or rolling. Using a crosshatch pattern. Work the coatings into the substrate trying to ensure even penetration and wetting of the surface. Do not allow material to dry between coats – two coats are suggested, three coats for severe environments. Allow coating to cure for 24 hours before top coating.
4. Topcoat if desired after 24 hours.
5. During normal weathering the black color of the coating may fade over time when exposed to heat and sunlight.

CLEAN-UP AND THINNING

Clean all equipment immediately with cold water and any soap. Thinning should not be necessary.

SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! WARNING!

Use with adequate ventilation. Do not breathe vapors or spray mist. Wear appropriate, properly fitted respirator during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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