

WATER BASED RUST CONVERTING PRIMER

Features

- Apply directly to tightly adhered red rust.
- Converts red rust into a more stable form and passive form of iron.
- Key Feature is the ability to reduce surface preparation time and cost while providing a rust resistant primer ready to receive additional paint.
- Improves the performance of total system when prepared with use of non-rust converting primers.
- Applied to pipe with code numbers obliterated by rust the RC100 converts the rust to a black passive form making the code marks more visible.

Typical Uses

Used as a rust converting primer. Also used to convert red rust to a black stable iron. Allows coding to be seen clearly.

Physical Data

Pencil Hardness (ambient cure)	HB	Theoretical volume solids of mixed material	35%±1%
Adhesion (ASTM D 4541)	300 psi	Theoretical coverage of mixed gallon (1 mil)	550 sq. ft.
Temperature resistance (non-immersion)		Volatile Organic Content	
Continuous	200°F	No thinner required ready to apply	0.8 lbs./gal.
Non-continuous	250°F		
MEK double rubs	10		
Salt Spray 336 hours	1/4" to 1" creep		
With topcoat	Face clean		
Impact, Dir/ Reverse	20 / <10		

Resistance

Excellent performance when the system is used in weathering exposures. Not recommended for immersion or heavy splash and spill exposures.

Film Thickness (per coat)

Dry film thickness: 1. – 1.5 mils per coat.

Theoretical coverage: 515 sq. ft. @ 1 mils DFT

Primer/Substrates

RC 100 Rust Converting Primer is designed for application of rusty iron and steel surfaces as a primer.

Shipping Data

Packaging unit	<u>1 gal.</u>	<u>5 gal.</u>	Flash Point: (Setaflash)	
			RC 100	NONE
Shipping weight (approx.)			Shelf Life: 3 years when stored inside at 40°F to 110°F.	
Package unit	11 lbs.	55 lbs.	DOT Classification	NOT REGULATED

Surface Preparation

Remove loose rust and scale. Surface must be oil free. Apply RC-100 directly to the surface. If the material soaks completely into the rust apply and additional coat while first coat is still wet.

Thinning

Thinning is not required for most applications; however RC-100 maybe thinned with only with potable water. Thinning will reduce the rust converting capacity and should normally not be used.

Applications Conditions

	Material	Surface	Ambient	Drying Time
Minimum	40°F	40°F	40°	4 to 6 hours @ 40F to 60F
Maximum	120°F	120°F	120°F	10 minutes to 1 hour @ 65F to 95F

The surface must remain above freezing until RC-100 has completely dried.

Application Equipment

Any time of spray equipment can be used from a garden sprayer to a commercial airless sprayer. Brush and roller as also acceptable.

10/28/07

CAUTION: Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product.

Water Based Product. Contains small amounts of combustible solvents. Avoid breathing fumes in a confined space.

WARRANTY: Any recommendation of WOHL Coatings contained herein, covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however WOHL Coatings makes no warranty or representation with respect thereto. Use or application is at the discretion of the Buyer without liability or obligation whatsoever of WOHL Coatings.