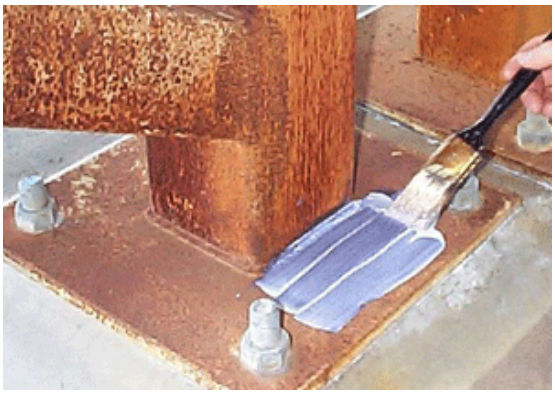
PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-RC Primer

P/N: 005-0005

For Professional Use Only



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PRODUCT DESCRIPTION:

ERS-RC Primer is a low VOC rust conversion primer. This primer is suitable when a fast-drying primer is required over rusted steel.

RECOMMENDED USES:

ERS-RC Primer can be used as a primer over rusty metal surfaces.

ADVANTAGES:

- Rapid drying
- Facilitates adhesion of surfacing material
- Low VOC
- One-part – water based

INSTALLATION: Do Not Thin!

Surface Preparation: All surfaces to be primed must be clean, dry, and paintable. Weathered Steel should be power washed to enhance adhesion. Wire brush rusted steel to remove flaky rust and loose material. Application to warm steel may benefit from a water mist prior to application. The surface should be a CLEAN, TIGHT RUST.

Mixing: Product may separate after shipping and storage, though it may still look mixed. For best results, thoroughly blend contents of all containers using a power mixer for a minimum of 10 minutes prior to use. DO NOT THIN!

COVERAGE:

Substrates should be coated until it appears wet. Care should be taken not to flood or over apply primer. Apply in thin, even coats. Yield is 150 to 300 square feet per gallon, depending on the porosity of the substrate. Brush well into rusted areas. ERS-RC Primer will change from off white to a dark blue to black color, indicating the chemical reaction is taking place.

PACKAGING:

ERS-RC Primer is available in 5 gallon (18.9 liter) pails and 55 gallon (208 liters).

STORAGE LIFE:

One (1) year from date of shipment when stored in unopened, original container. Product will freeze of subjected to temperatures below 32°F (0°C).

PRECAUTIONS:

This product may be applied directly to any clean, dry surface. Apply in thin, even coats. Brush well into rusted areas. ERS-RC Primer will change from off white to a dark blue to black color, indicating the chemical reaction is taking place. Allow 8 hours to overcoat with a water based product, 24 hours to overcoat with a solvent based topcoat. Application to warm steel may benefit from a water mist prior to application. Subsequent coats should be applied within 48 hours of prior applications to insure full and uniform adhesion. Before applying a subsequent coat, the previous coat must be completely dry and cured. If any contamination of a thoroughly cured surface occurs, it must be washed with a chemical cleaner before applying subsequent coats. Coating must be extended beyond the substrate to create a self-terminating flashing. Consult Ecology Roof Systems for recommended dry film thickness.

PHYSICAL PROPERTIES:

Property	Result	ASTM
Solids by Weight	74%	ASTM-D-1353
Solids by Volume	46%	ASTM-D-2697
Viscosity	800 – 100cps	
Flash Point	191°F	TCC
Cure Time*	Dry to touch in 2 hrs @ 78°F	
Clean Up	Use water	
Maximum Continuous Service Temperature	Resists heat aging up to 270°F	
Shelf Life (35 to 75°F)	1 Year in unopened container	
VOC	< 30 g/liter	EPA Rule Method 24
Weight Per Gallon	10.76lb per gallon	
Color	Off white	

*Dependent upon temperature, humidity, and film thickness.

Ecology Roof Systems ®

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