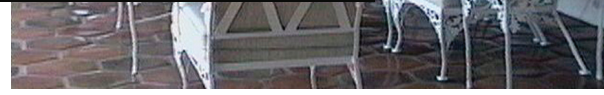
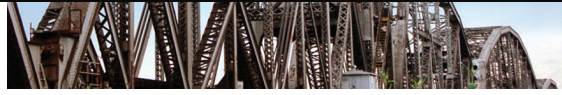


Marine • Automotive • Industrial • Household



Corrosecal® Rust Converter, is an effective, non-hazardous, non-flammable, water based coating that controls corrosion by converting rust to a magnetite primer for preparation to topcoat painted steel surfaces.

Convert rust and prime in one easy step with Corrosecal®

- Reduces need for de-rusting
- Converts rust on contact
- Primes old paint like a hard clear varnish
- Goes on milky; converts to magnetite
- Easy clean-up
- Non-corrosive
- Non-flammable
- Recoat any color



Before Corrosecal®



After Corrosecal®



Topcoated®

How to apply Corrosecal®

- Stir until creamy white
- Apply at 8-10 wet mils
- 200-250 sq. ft. per gallon coverage
- Use separate container to apply
- Apply to dry, residue-free surface only
- Use at temperatures between 45°F and 100°F
- Rust conversion starts when black color appears
- Wait at least 24 hours to topcoat

Corrosecal® bonds with all major topcoats

- Epoxies
- Amines
- Alkyds
- Urethanes
- Coal tar
- Bituminous Coal

Distributed by



To learn more about Corrosecal® visit www.corrosecal.com or call (800) 237-1573.

Corroseal® Technical Data

Product Description

Corroseal® is a water based rust converter combined with a non pigmented high quality latex metal primer. The converter segments turn rust into a barrier layer of black non rusting magnetite. The metal primer acts as a bonding agent for oil-based intermediate and finish coatings of epoxy, enamel, acrylic, polyurethane and moisture-cured urethane, and with water based coatings not subject to tannin staining. Water based coatings may require an oil based stain blocker as an intermediate application. Corroseal® is non-flammable and non-corrosive.

Basic Use

Corroseal® is recommended for use on rusted or partially rusted steel surfaces as a rust converter/ metal primer, and as an etch primer on aged tight paint of any color, and as a sealer on non ferrous metals such as some aluminum, copper, and brass.

- Protects against future rusting
- Eliminates need to mechanically blast to white metal in many instances
- Can be used on welds
- Not recommended for outside hull underwater applications

Availability

SKU# 82320 - 1 quart jug SKU# 82331 - 1 gallon jug
SKU# 82335 - 5 gallon pail SKU# 82320 - 52 gallon drum

Appearance

Milky, off-white to tan liquid

Odor

Very mild

Thinning

Do not thin

Coverage

200 square feet per gallon @ 2.5 mil dry film thickness. 4.9 square meters per liter.

Spreading Rate

8-10 mils wet film thickness, 200-250 microns, to create optimum dry film thickness of 2.5 mils to 3.5 mils DFT (65 to 90 microns) to cover anchor profile

Cleanup

Soap and water for equipment, hands, and clothes. Clean dried spatter with lacquer thinner.

Physical Properties

VOC (ATSM D 3960)60 grams per Liter, 8 oz. per gallon

Non volatiles

by volume 31% by weight 35%

Weight per gallon

8.6 lbs, 3.91 Kg

pH

3.0

Flash point

(Closed Cup ASTM D 56) >200°F, > 93°C

Viscosity

(Brookfield model LVF #2 spindle, 60 rpm) 300 cps

Heat Resistance

Resists heat aging up to 270°F. Useful properties up to 350°F.

UV Resistance

(ASTM G-23 Ultraviolet Testing) 1000 hours - No Fading

Adhesion

Corroseal Primer to rusted steel and top coated with - ASTM D4541 Wasser MoistureCure-CR-PW Average Pull Force at Failure 1128 psi

Shelf life

(ASTM D 1849) resists greater than 1 week at 140°F and up to or over one year between 38°F and 105°F, 3°C and 41°C. Avoid continuous direct sunlight. KEEP FROM FREEZING. Discard after freezing.

Dry time

(ASTM D 1640) at 3 mils wet film, 76 microns.
Set to touch - 3 minutes Dry to touch - 30 minutes
Cotton free - 10 minutes Hard dry - 40 minutes
Through fingernail hard - 60 minutes

Rejects rainwater

at 77°F, 25°C - No wash off 240 minutes

Recoat time

at 77°F, 25°C Brush / Roller 15-30 minutes, Spray 10-20 minutes or between set to touch and dry to touch (tacky).

Top coat time

24 hours minimum, up to 30 days

Technical Services

Technical advice is available by calling Corroseal® at 1-800-237-1573 or email inquiries to info@corroseal.com. Visit www.corroseal.com for more information.