

CORROSEAL®

**Rust Converting Metal Primer
82331**



COMPLIANCE INDICATORS

DESCRIPTION

Corro Seal is a water base rust converter combined with a non-pigmented high quality latex metal primer. The converter turns rust into a barrier layer of non-rusting magnetite. The metal primer acts as a bonding agent for a variety of intermediate and finish coatings including; enamels, acrylics, and urethanes. Water-based coatings may require an oil based stain blocker as an intermediate application.

RECOMMENDED USES

Corro Seal is recommended for use on rusted or partially rusted steel surfaces as a converter/paint primer.

NOTE: Protect concrete and other surfaces from drips, as Corro Seal will turn the concrete black when it makes contact with it.

NOTE: Corro Seal is NOT recommended for outside hull underwater applications or immersion areas or standing water applications

FEATURES

- solvent free and non flammable
- eliminates the need for extensive surface prep of rusted metal
- easily applied by brush, roller or spray gun

TECHNICAL CHARACTERISTICS

Bases	VOC(g/L)*
Primer (82331)	82.50 g/L
(82320)	
(82335)	

*Before thinning and colorants

TINTING TYPE

Untintable

FINISH

SOLIDS & DENSITY

Volume: 31.30 %

Weight: 38.90 %

Density: 9.84 lbs per gallon

FILM THICKNESS (PER COAT)

Wet: 8.0 - 10.0 mils

Dry: 1.8 - 2.9 mils

THEORETICAL COVERAGE (PER COAT):

theoretical coverage for 1.0 mil dry film thickness would be 502 sq ft per gallon

VISCOSITY

55 - 60 KU

DRYING TIME

at 77°F and 50% Relative Humidity

dry to touch: 30 minutes

Dry to recoat: 24 hours

THINNER

none recommended

CLEAN UP

After use, clean application tools with warm soapy water and rinse thoroughly.

STORAGE TEMPERATURE

40-90 degrees F. Store indoors and keep from freezing.

SHELF LIFE

One year when stored in unopened containers at 70° F

NOTE: Corro Seal has a 30 day recoat time @ 70F. After the 30 days you will have to sand the dried Corro Seal and clean the surfaces before top coating.



TECHNICAL DATA SHEET

SURFACE PREPARATION

Remove all loose rust, loose paint, and other deposits. Wash the surface to remove any surface contaminants such as dirt or grease with an industrial type cleaner such as Non Solvent Cleaner Concentrate. Rinse thoroughly.

APPLICATION

Corroseal is designed to be applied to the surface at 8-10 mils, wet film thickness. The white Corroseal liquid will turn black during the rust conversion process. If a gray color starts to appear, apply more Corroseal immediately while the first coat is still tacky. A second coat may be applied after 24 hours of first coat to increase film thickness for added protection.

Application Equipment

Brush: Use a good quality nylon/ polyester brush

Foam applicator: Can use with any foam applicator

Roller: Use a 1/4" -3/8" nap synthetic cover depending on the degree of texture of the surface to be painted.

Airless Spray: Pressure 2,000 psi. Tip: .019" to .021".

SAFETY PRECAUTIONS

For detailed information please refer to MSDS

Warning

Safety Precautions: For detailed information please refer to this product's material safety data sheet. A copy of which may be found at our website: www.rodmapaint.com under Products:Product Data Sheets and MSDS.

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Wash contaminated skin with soap and water. If ingested, call physician or the Poison Control Center immediately.

Recent Amendments

Check for recent amendments to this data sheet at www.rodmapaint.com

Last Modification date: 10/04/2016

Limitation of Liability

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READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.



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