

KNOCKOUT

PRODUCT DATA SHEET



Description & Recommended Uses

RustOx is a high-performance, water-based, low VOC coating that can be applied direct to metal or direct to rust. Once applied, RustOx suffocates surface rust and prevents future rust bleed-through.

RustOx has been tested in the field and lab and is proven to outperform standard rust treatment programs, providing a cost-effective solution when dealing with rust.

Encore Coating recommends the use of KnockOut Primer in marine environments as it provides redundant protection against the environment.

This system can be used for above-ground and submerged applications in fresh or saltwater. It is an excellent choice for infrastructure, marine, industrial, farm, and home.

RustOx is tinted to virtually any color by adding acrylic paint to the RustOx kit. Please note that RustOx will effect color by adding a light grey tint to colors that are lighter than light grey.

The product(s) can be sprayed, brushed, or rolled.

See Specification for more information on prep and application.

Substrates

Ferrous and non-ferrous metals

Packaging

KnockOut: Quart, Gallon, 5-gallon, 55-gal drum

RustOx: 2 gallon pail (1.5 gal contents). Contact Encore for larger sizes

Physical Properties

Color: Knockout: applies milky white. dries clear. converts rust to black iron oxide.

RustOx: tintable by adding paint to pail contents. Note that RustOx adds light grey tint to color.

Volume Solids: Approx 85-90%

Flash point: N/A

Dry to Touch: 15-30 minutes.

Recoat time: 15-30 minutes.

Cleanup: Water

Basic Surface Preparation

Ensure surface is free from all flaking material, dust, dirt, oil and grease. Metal, especially new metal, may require degreasing. May be applied over rusted surfaces, thereby not always requiring sandblasting. Follow additional instructions provided on packaging and Encore's Document Center, found online at www.encorecoatings.com.

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Product Data Sheet (cont'd.)



Testing

Coupons containing the KnockOut Rust Converter and Primer were coated with two coats of RustOx and exposed.

ASTM-B117-11 Salt-Fog: 720 hrs. Rust grade = 8

Petroleum Institute Salt-water Submersion Test: 720 hrs. Rust grade = 10

Conclusion: The RustOx system is an excellent choice for submerged steel components, exhibiting perfect performance over an extended test duration. This system is a superior choice for coating steel in exposed conditions, as it exhibited only minor degradation over an extended test duration.

Benefits Over Comparable Systems

Faster Application.

The Rustox system can be applied in a fraction of the time normally required of other systems, resulting in faster turn-around and minimum downtime.

Superior Strength and Durability

RustOx dries to form a durable, yet still flexible coating that takes abuse that would normally cause other coating to tear or rupture.

Easily Repaired in Field

In-situ repairs, if needed, are fast and easy. Unlike equivalent coating systems, RustOx does not have a "pot life". The product can be transported easily into the field and repairs are made with a common paint brush. Cleanup is with water.

Versatility

RustOx can be applied in virtually any color imaginable. It can be applied to any ferrous or non-ferrous material.

No representations or warranties are expressed or implied herein. Suitability for a particular application is the responsibility of the purchaser. Please contact Encore Coatings, LLC for more information.

Visit encorecoatings.com for more information.

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