

MATERIAL PROPERTY DATA SHEET

KnockOut (KO) is a low VOC (<50g/L) water-based rust converter and primer.

KO has the fastest dry & re-coat time in the industry. At a mere 20 minutes or less, KO has converted rust and has dried to a tack coat, suitable for painting.

KO can be top-coated with any paint or coating that is compatible with acrylic.

KO can be applied over previously painted surfaces without affecting the existing coating.

Typical Uses

KO is a water-based rust-converter that can be sprayed, brushed, or rolled depending on the application. When sprayed onto vertical or overhead surfaces, KO will not sag or drip. KO is an excellent choice for use in salt-water or inland applications, in exposed or submerged conditions. Use KO on ferrous and non-ferrous metals to convert existing rust, lock down flash rust, and prime for finish coats.

Outstanding Performance

KO provides excellent adhesion to virtually every substrate, creating an anchor profile that insures the success of the top coat. KO is superior when it comes to wetting, penetrating, and converting rusted or corroded substrates.

Exceed the Expectation

For best results, top coat with RustOx, Encore's bombproof rust coating. RustOx exhibits excellent flexibility, while providing the particle-packed film necessary to provide years of trouble-free service. RustOx dries in minutes and can be recoated immediately, saving days of time on the job.

Recommended film thickness - Coverage

 Dry film:
 1- 1.5 mils (30-40 microns)

 Wet film:
 2 - 3 mils (70-100 microns)

 Coverage:
 320-360 square feet/gallon

Coats required: 1

Drying Times

Touch Dry: 5-7 minutes at 73-80 degrees F
Hard Dry: 20 minutes at 73-80 degrees F (open air)
Dry for Top Coat: apply when dry to the touch, but allow at least

20 minutes.

Min. air/steel temperature: 33 degrees F

Physical Data

Color (Wet): Milky white/faint beige tint
Color (Dry): Black. Some steel alloys will patina.
Appearance: Glossy black or patina. Slightly tacky.

pH: 4.0 Volume solids: 60%

Viscosity: 250 cps/#3/100 rpm Tg (MDSC) 21 degrees C Freeze Thaw Stability: Passes 5 cycles

Weight/Gallon: 9.2 VOC: <50g/L

Solubility: 100% water soluble

Dilute: no Clean up: water

Storing and Transport

Shelf life: 36-48 months
Temperature: 34 - 99 degrees F

Store in cool, dry place away from direct sun light and prevent from freezing.

Non-hazardous. May be transported via ordinary methods.

Packaging

Container Sizes: 55 gallon

5 gallon 1 gallon 1 quart

For more information, including specifications, visit Encore's Online Document Center at: www.encorecoatings.com/document-center.

Customer Support: 888-776-2242 Manufactured in Cartersville, GA, USA.

