



# RustBlast

STEP  
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## Application Information

RustBlast is a powerful water-based rust remover and Zinc Phosphate pre-primer metal etch. RustBlast effectively dissolves rust, corrosion, metal oxides, and tarnishing from most metal surfaces. RustBlast gently etches and coats the metal with Zinc Phosphate creating an ideal surface for primers and paints. RustBlast also contains KBS Coatings' unique Oxygen-Block Technology which reduces the incidence of flash rust by over 80% and extends rust-free storage times by leaving a temporary protective coating in addition to Zinc Phosphate. This same technology allows for streak-free etching of non-ferrous metals like aluminium and brass.

RustBlast can be used on the following surfaces:

STEEL  CAST IRON  BRASS  ALUMINUM  GALVANIZED  COPPER  STEEL ALLOYS  
including fiberglass and other non-metallic surfaces.

PROTECTIVE GLOVES AND EYEWEAR SHOULD BE WORN AT ALL TIMES WHEN USING THIS PRODUCT.

### DIRECTIONS

Surface to be treated should be free of dirt, oil, grease and other contaminants. The cleaner the surface, the more effective RustBlast will work.

Scrape off any loose rust, mill scale, paint, etc. and clean with a WATER-BASED cleaner/degreaser. FOR BEST RESULTS, Use KBS AquaKlean. Avoid any solvent-based cleaners as they can leave an invisible residue. Liberally apply RustBlast FULL-STRENGTH to a DRY surface using a spray bottle, brush, roller, or backpack sprayer for larger applications.

Re-apply often and as needed to keep the surface wet for a minimum of 10 minutes for smooth or lightly rusted surfaces, 20-40 minutes for moderately rusted surfaces and 1-2 hours for heavily rusted or corroded surfaces. DO **NOT** allow surface to dry.

After treatment, rinse thoroughly with water and then allow surface to **dry completely**.

For removal of light corrosion or etching of non-ferrous metals (such as aluminium, brass, copper), prepare surface as above and apply RustBlast for 10-20 minutes then rinse thoroughly with water and allow surface to **dry completely**.

**NOTE:** Once dry, RustBlast may leave a slight powder residue which is the zinc phosphate coating. Items treated with RustBlast can remain uncoated for up to 30 days depending on environmental conditions. Ideal working temperature 13-27°C.

### QUESTIONS & ANSWERS

*Why is there a white powdery substance left over after I rinse off the RustBlast?*

The slight white powdery residue is Zinc Phosphate and RustBlast leaves that behind because it aids in adhesion of coatings such as RustSeal.

*Can I use RustBlast when applying paints other than KBS RustSeal?*

Yes. RustBlast works well as a metal prep and etch for most paints.

*Can I use RustBlast to remove rust from equipment and tools?*

Yes. Soak the tool or equipment for 30 minutes to 24 hours and rinse it off with water using a scotch brite pad. You will be left with rust free tools and equipment.

*Do I really have to rinse off the RustBlast with water?*

Yes. It is important to rinse before the RustBlast dries to avoid a heavy layer of Zinc Phosphate.

Keep out of reach of children. RustBlast is a strong eye and skin irritant; in case of eye or sensitive skin contact flush thoroughly with water and seek medical advice. Protective gloves and eyewear should be worn at all times. DO NOT TAKE INTERNALLY. SEE MSDS FOR ADDITIONAL INFORMATION.

**KBS Support Forum**

[www.kbs-coatings.com/support/](http://www.kbs-coatings.com/support/)



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