

SUPER RUST STOP

Non-Sanding Primer



TECHNICAL DATA SHEET

SUPER RUST STOP is an excellent non-sanding primer designed for maximum adhesion and rust inhibiting qualities when applied over properly prepared steel, aluminum, fiberglass, factory finishes and other surfaces. Available in five colors to help provide increase topcoat coverage and color holdout, SUPER RUST STOP features excellent filling qualities and quick dry times.

- National Rule Compliant
- Ideal for Direct to Metal (DTM) application
- Five color choices for better topcoat color coverage
- Exceptional corrosion resistance
- Exceptional adhesion

COATING TYPE:

Non-sanding enamel-based primer

PRODUCT CODE:

201 (Black)
202 (White)
1260 (Red Oxide)
1262 (Light Gray)
1264 (Dark Gray)

ACTIVATOR:

Not Required

REDUCERS:

R-7910 / R-7920 Fast (Below 70°F)
R-7911 / R-7921 Medium (70°F – 85°F)
R-7912 / R-7922 Slow (Above 85°F)
UE-8000 Universal VOC-Exempt Reducer



PHYSICALS:

Appearance:	Varies with color
Weight per Gallon:	10.25 – 10.75 lbs (Varies with color)
Package Measure:	1 U.S. gallon / 128 fl. oz. (3.785 liters)
Packaged VOC:	4.0 – 4.4 lbs/gallon (403 -528 g/L) (Varies with color)



SURFACE PREP:

Super Rust Stop may be applied over a variety of substrates.

For bare metal:

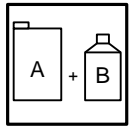
Remove all traces of wax, grease, silicone, oil and other contaminants with detergent wash, followed with a solvent wash (such as Kirker's 650 Wax & Grease Remover). Abrade substrate with 180 grit, then re-clean with final wash cleaner (such as Kirker's 600 Surface Wash).

A chemical pre-treatment (such as Kirker's R-6820 Self-Etching Reducer) will further enhance adhesion over bare metal. This etching acid/solvent blend should be applied one section at a time with a clean cloth, then wiped down with another clean, dry cloth.

For factory finishes:

Remove all traces of wax, grease, silicone, oil and other contaminants with detergent wash, followed with a solvent wash (such as Kirker's 650 Wax & Grease Remover). Abrade substrate with 320 - 400 grit, then re-clean with final wash cleaner (such as Kirker's 600 Surface Wash).

Be sure to mask all adjacent panels to prevent dry overspray.



MIXING:

Mix ratio: 4:1 by volume. When using beneath ULTRA-GLO single-stage urethane, ACRYL-GLO acrylic enamel, or SYN-GLO synthetic enamel, thoroughly mix four (4) parts SUPER RUST STOP (201, 202, 1260, 1262, 1264) with one (1) part of the appropriate acrylic enamel reducer (choose from the list below, depending on air flow and shop temperatures) or Kirker's Universal Zero-VOC Reducer (UE-8000).

Temperature range	Less than 70° F	Between 70° F - 80° F	More than 80° F
Reducer (Gallon)	R-9710	R-7911	R-7912
Reducer (Quart)	R-7920	R-7921	R-7922
Speed	Fast	Medium	Slow

Additional reduction may be required to improve sprayability, flow and leveling. There is no pot life for this primer.



SUPER RUST STOP	4oz	12 oz.	20 oz.	28 oz.
Reducer	1 oz.	3 oz.	5 oz.	7 oz.
TOTAL MIXTURE	5 oz.	15 oz.	25 oz.	35 oz.

Hardener option:

Though not required, an acrylic enamel hardener (such as Kirker's K-1606 or K-1607) may be added to SUPER RUST STOP to speed dry and increase durability. It should be noted that the use of this type of product will result in a slightly higher gloss in the primer's finished film, and limit it's recoatability. When using SUPER RUST STOP with an acrylic enamel hardener, primer must be topcoated before four hours. If more than four hours have passed since the application of primer, wait at least 24 hours (at approximately 70° F), then scuff sand to ensure sufficient adhesion. If choosing this option, add up to one pint (16 fl. oz.) of hardener per gallon of primer.



GUN SETTINGS:

GUN TYPE	TIP SIZE	AIR PRESSURE
Conventional Siphon Feed:	1.6 mm – 1.8mm	45-60 psi at the gun
Conventional Gravity Feed:	1.6 mm – 1.8 mm	45-60 psi at the gun
HVLP	1.4 mm – 1.6 mm	8-10 psi at the tip

Always refer to gun manufacturer's recommendations for additional details on suggested tip size, air pressure and other adjustments.



APPLICATION:

Apply one (1) to (2) medium wet coats to achieve desired film build, allowing 15 minutes flash time between coats.



DRY TIMES / RECOAT:

Allow a minimum of 15 minutes for SUPER RUST STOP to dry before topcoating. Allow 30 minutes after applying two coats.

SUPER RUST STOP should dry dust free within 10-15 minutes.

If applying topcoat more than one week after primer application, lightly abrade surface to promote intercoat adhesion. If paper gums, try wet sanding.

Air-dry times may vary slightly depending on shop temperatures, airflow and total film thickness. All dry times listed are approximate, at 70° - 75°F



CLEANUP:

Close all containers tightly after each use. Clean gun and spray equipment with gun wash or other appropriate solvent products immediately after application to prevent damage.



HEALTH / SAFETY PRECAUTIONS:

THIS PRODUCT IS INTENDED FOR USE BY PROFESSIONALS ONLY.

USE THIS PRODUCT ONLY WITH ADEQUATE VENTILATION: Wear appropriate, properly fitted fresh-air-supplied NIOSH/MSHA-approved respirator (TC-19C or equivalent) as directed by the manufacturer. Protect hands with impervious nitrile gloves. Always wear eye and face protection. Individuals with lung or breathing problems should neither use nor be exposed to this product, its vapors or spray mist. READ ALL WARNINGS ON ALL LABELS BEFORE USING.

This product is designed to be mixed with other components. Mixture will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. See Material Safety Data Sheet for additional health and safety information.

WARRANTY:

All recommendations for the use of Kirker products are based on tests and experience believed to be reliable. Since the methods of use, conditions of application, and the application itself are beyond our control, product warranty is restricted to replacement of material only. No other warranty, written or oral, is expressed or implied.

FOR ADDITIONAL INFORMATION:



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