



POR-15 STIRLING SILVER

Application Information

PRODUCT DESCRIPTION:

Stirling Silver is a permanent silver topcoat developed for application over painted surfaces. Apply over POR-15® Rust Preventive Paint for tough, permanent protection against rust and corrosion. Stirling Silver will not crack, chip or peel when properly applied. Stirling Silver is not sensitive to ultra-violet light and may be exposed to sunlight. Impervious to salt, salt spray, and most chemicals and acids. Follow directions carefully and you will be rewarded with the finest protective coating available!

DIRECTIONS FOR USE:

Stir contents well, then dispense a portion into a separate container and seal can at once, keeping lid and grooves clean to avoid permanently sealing can shut. Do not paint out of can. Apply and continue to stir every few minutes to keep pigments in suspension. Stirling Silver, like all POR-15® coatings, should always be stirred, never shaken. Thin only with POR-15® Solvent, if necessary. Apply in thin, covering coats, and try to avoid painting back and forth over the same area. Give Stirling Silver a chance to flow out evenly. The use of a foam brush will minimize streaking.

SURFACE PREPARATION

Surface to be coated should be dry and free of grease, oil, and other contaminants. Use POR-15 Marine Clean, diluted 1 part Marine Clean to 8 parts water to remove light contamination. Then rinse with water and allow to dry.

APPLYING STIRLING SILVER OVER OTHER PRIMERS

Repeat instructions above, then sand surface lightly with 240 grit sandpaper and wipe clean with dry tack cloth and paint.

TO PAINT OVER A CURED POR-15 SURFACE

Clean with Marine Clean as above, then sand with 300 grit sandpaper and apply one light to medium coat of POR-15 Self-Etching Primer. Allow to cure for 30 Minutes at 68°F(20°C), or longer in cooler temperatures. Apply Stirling Silver as final finish. Depending on temperatures and humidity recoat at 3-12 hour intervals.

Spray Application: Use 25-35 lbs.(172-240Kpa) pressure for normal semi-gloss. Cleanup: Use POR-15 Solvent or lacquer thinner for cleanup, which must be done before Stirling Silver dries; once dry Stirling Silver cannot be removed by solvent. Stirling Silver can take 3-4 days to reach max hardness or longer in temperatures below 55°F 15°C. Stirling Silver will need thinning for most spray application 10-20%.

Questions & Answers

I've been using POR-15 Rust Preventive Paint for years. Can I use Stirling Silver instead and get the same rust protection?
No. You can use Stirling Silver on bare steel and get good protection, but it isn't comparable to POR-15 Rust Preventive Paint, which penetrates into the pores of the metal and chemically bonds with the surface. Use Stirling Silver as a topcoat over POR-15 to get the best possible rust protection.
Come on now! I've put Stirling Silver on bare steel and have gotten a terrific bond. It sure looks as good as a POR-15 coating on bare

metal or steel. Isn't it just possible you're only trying to sell me another can of paint?
Absolutely not! Side-by-side panels were tested under a variety of conditions, and the POR-15 coating was shown to be clearly superior in preventing oxidation and corrosion. Try it yourself and you'll see. Though Stirling Silver will easily out-perform other coatings on bare steel, it's greatest value and best use is as a topcoat over POR-15 Rust Preventive Paint.

How does Stirling Silver work over other painted surfaces?

Very, very well. There are many jobs when you want corrosion protection over a painted surface and you can't remove the old paint. Simply clean that surface with a water-based cleaner, then topcoat with Stirling Silver.

Is Stirling Silver the "perfect" topcoat, or does it have drawbacks I should know about?

Unfortunately, nothing is perfect in this world, not even Stirling Silver! Like POR-15, it won't come off your hands if you let it dry; it'll harden in the can if you leave the lid off and dip your brush directly in the can; it may occasionally have some tiny imperfections in its finish, so we can't call it a perfect cosmetic coating; and finally, it is certainly not inexpensive. It's very difficult to make, and the base resins are very expensive, but we've never let cost stop us from making the best coatings money can buy. Stirling Silver is one of those coatings.

PRODUCT CHARACTERISTICS

Odor: Aromatic
Percent Volatile by volume: 29.8%
Volatile Organics: 2.97 lbs/gal (270 grams/liter)
Flash Point (Method used): TCC 108°F (42°C)
Viscosity: Range @ 77°F/25°C: 250-500 CPS
(approx. same viscosity as regular POR-15 Rust Preventive Paint)
Application: Brush or Spray
Thinning Solvent: POR-15 Solvent only
Coverage per Quart: 96 / 120 sq ft (9-12sqm per Liter)
Dry Time: 4 - 6 hours @ 30% ambient humidity
Full Cure/Maximum Hardness: 96 hours
VOC 270 g/l

Precautions: Avoid skin contact. Remove from skin at once to avoid temporary staining. Use of gloves and ventilating equipment is recommended. Note: Organic vapor particulate respirators, NIOSH/MSHA approved must be used when spraying Stirling Silver. Moisture will shorten the life of unused Stirling Silver. Seal can immediately after dispensing. . Keep out of reach of children. Harmful or fatal if swallowed. Use in well-ventilated areas only.

HAZARDOUS INGREDIENTS: Carbon Black #12438-9, Naptha Petroleum #64742-95-6, Polymeric Isocyanate #28282-71-2, Contents partially unknown.

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