



STIRLING SILVER (SEMI-GLOSS)

APPLICATION INFORMATION

PRODUCT DESCRIPTION:

Stirling Silver is a permanent SILVER topcoating developed for application over painted surfaces. Apply over **POR15 Rust Preventive Paint** for the toughest, most permanent protection against rust and corrosion ever developed. **Stirling Silver** is non-porous and will not crack, chip or peel when properly applied according to directions. It has amazing scratch and abrasion resistance and is similar in strength to regular POR15 Rust Preventive Coatings. **Stirling Silver** is not sensitive to ultra-violet light and may be exposed to sunlight without damaging consequences. It is impervious to salt, salt spray and most chemicals and acids. **Stirling Silver** has excellent adhesion characteristics and may be applied over **POR15 Rust Preventive Paint** months or years later with proper preparation.

PRODUCT INFORMATION

Odour: Aromatic

Percent Volatile by Volume: 29.8%

Volatile Organics: 2.97 lbs/gal (270 grams/litre)

Flash Point (Method used): TCC 110°F

Viscosity: Range @ 77°F/25°C: 250-500 CPS (approx same viscosity as regular POR15 RPP)

Full Cure/Maximum Hardness: 96 hours

Application: Brush or spray

Thinning Solvent: POR15 Solvent only

Coverage: 9.2m² -11.5m² per litre

Dry Time: 4-6 hours @ 30% ambient humidity

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.

APPLICATION: Apply in thin, covering coats, try to avoid painting back and forth over the same area, giving Stirling Silver a chance to flow out evenly. The use of a foam brush will minimize streaking.

THINNING: Use only POR-15 Solvent, if necessary. If the Stirling Silver is not flowing well with a brush, eg. There are lines in the paint and it feels sticky—add 2-5% POR-15 Solvent at a time until you get the flow or spread you are looking for. **Second Coat:** 3 to 5 hours.

SPRAYING: Generally it needs thinning for spraying especially in temperatures above 24°C, at ratio of 5-10%, no more than 20%. Use 25-35lbs. (172-240Kpa) pressure for normal semi-gloss. A clean-up, 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 temps below 15°C.

TO PAINT OVER CURED POR-15 SURFACE: Clean with Marine Clean, then sand with 300grit sand paper and apply one light to medium coat of POR-15 Self Etching Primer. Allow to cure for 30 minutes at 20°C, or longer in cooler temps. Apply Stirling Silver as a final finish. Depending on temperatures and humidity recoat at 3-12 hour intervals.

Note: Stirling Silver contains leafing pigments and should be clear coated for maximum durability—we recommend using POR-15 Glisten PC..

CURING: Full cure/maximum hardness: 96 hours approx same viscosity as regular POR-15 RPP.

BARE STEEL: Stirling Silver can be used on bare steel to achieve rust protection, **BUT it is not** a replacement for POR-15 Rust Preventative Paint, which penetrates into the pores of the metal and chemically bonds with the surface.

APPLYING OVER OTHER PRIMERS: Stirling Silver works very well. There are many occasions when you want corrosion protection over a painted surface where you can't remove the old paint.

Clean the surface with Marine Clean mixed 1 part Marine Clean to 8 parts water to remove light contamination. Rinse with water and allow to dry. Then burnish or lightly sand surface with 240 grit sandpaper and wipe clean with a dry tack cloth and paint.

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 POR15, they won't come off your hands if you let it dry; it will 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. Stirling Silver is 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. *Remember that this is a general application guide and does not cover every eventuality.*

Precautions: Avoid Skin contact. Remove from skin at once to avoid staining. Moisture will shorten the life of unused Stirling Silver. Seal Can immediately after dispensing.

RECOMMENDED NOTE: Organic vapour particulate respirators, NIOSH/MSHA approved or full air in-flow mask must be used when spraying Stirling Silver. If brushing paint in a well ventilated area. Always wear gloves.

IMPORTANT: Stirling Silver contains isocyanates therefore use of full breathing gear is advised. We suggest you wear overalls and gloves as well as covering up as much of your skin as possible. Keep out of reach of children. Harmful or fatal if swallowed.

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

The information set out in this flier is, so far as can be ascertained, true and accurate, but all recommendations are made without guarantee.

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