



STIRLING SILVER (SEMI-GLOSS)

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 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 POR-15 Rust Preventive Coatings.

Stirling silver is not sensitive to ultra-violet light and may be exposed to sunlight.

Stirling Silver is impervious to salt, salt spray and most chemicals and acids.

Follow directions carefully and you will be rewarded with the finest protective coating available.

PRODUCT CHARACTERISTICS

Odour:	Aromatic
Application:	Brush or Spray
Percent Volatile by Volume:	29.8%
Thinning Solvent:	POR 15 Solvent only
Volatile Organics:	2.97lbs/gal(270grams/l litre)
Coverage: per litre	9.2m ² - 11.5m ² per litre
Flash Point (Method used):	TCC 42°C (108°F)
Dry Time:	4 - 6hours @ 30%ambient humidity
Viscosity:	Range @ 25°C/77°F: 250-500 CPS (approx same viscosity as regular Por-15 Rust Preventative paint)
Full Cure:	Maximum Hardness: 96 hours
VOC 270 G/l	

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 the 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.

SILVER STIRLING APPLICATION:

Apply in thin, covering coats, and 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 minimise streaking.

THINNING :

- Use only POR 15 Solvent, if necessary.
- Generally **Stirling Silver** needs thinning for spraying, especially in temperatures above 24°C, at ratio of 5 - 10%, no more than 20%.
- 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

TO PAINT OVER A CURED POR-15 SURFACE

- Clean with Marine Clean, 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.

CURING:

Full cure/Maximum Hardness: 96 hours approx same viscosity as regular POR-15 RPP).

SPRAYING:

Use 25-35 lbs. (172-240 Kpa) 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 temperatures below 55°F (15°C). **Stirling Silver** will need thinning for most spray applications by 10-20%.

BARE STEEL:

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

APPLYING STIRLING SILVER 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 a wax and grease remover, **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 POR-15, it 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. 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.

Remember that this is a general application guide and does not cover every eventuality, if you are unsure as to how to proceed please call us for advice.

Precautions: Avoid skin contact. Remove from skin at once to avoid temporary staining. Use of gloves and ventilating equipment is recommended. Note: Organic vapour 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.

The information set out in this fier is, so far as can be ascertained, true and accurate, but all recommendations or suggestions are made without guarantee.
Since the conditions of use of the Products sold by Permanent Painted Coatings Pty Ltd (Australia) ("PPC Pty Ltd") are beyond the control of PPC Ltd / and or PPC Pty Ltd ("the company"), the Company to the full extent allowed by law, disclaim any liability with respect to damage, injury or death consequent upon the use of the Products or consequent upon the use of the information contained herein.
The Company warrant that the Products supplied hereunder shall conform to the description or specification stated in this fier. The Company make no warranties that Products supplied are made to certain industry specifications. To the full extent allowed by law, the liability of the Company with respect to any breach of the aforesaid warranty shall be limited, at the option of the Company, to payment of the cost of replacing the Products or of acquiring equivalent products and in no case shall the Company be liable for consequential loss or damage. In no case will the Company be liable to defend or pay any award of damages assessed against the buyer in any suit or course of action alleging that the use of the Products supplied hereunder infringe any patent. The Company hereby expressly disclaim any written or unwritten, express or implied representation, warranty or condition against infringement of any patent with respect to such goods.

PERMANENT PAINTED COATINGS PTY LTD
1/4 Prosperity Parade Warriewood, NSW 2102.
PHONE FREE 1800 643 229
Phone 02 9999 0122 Fax 02 9999 0394

Website: www.por15.com.au

EMAIL: sales@ppcco.com.au

