



# CHASSISCOAT (Black - Semi-gloss – Top coat)

## Application Information

### PRODUCT DESCRIPTION:

Chassiscoat Black is a permanent semi gloss topcoat UV Stable paint developed for application over painted and primed surfaces. Ideally apply over POR-15 Rust Preventative Paint for the toughest, most permanent protection against rust and corrosion ever developed. Chassiscoat is non-porous and will not crack, chip or peel when properly applied.

It has amazing scratch and abrasion resistance and is similar in strength to regular POR-15 coatings. Chassiscoat is not sensitive to ultra-violet light and may be exposed to sunlight without damaging consequences. Follow directions carefully and you will be rewarded with the best semi gloss black paint available!

### PRODUCT CHARACTERISTICS

<b>Odour:</b> Aromatic	<b>Application:</b> Brush or Spray
<b>Percent Volatile by Volume:</b> 29.8%	<b>Thinning Solvent:</b> POR 15 Solvent only
<b>Volatile Organics:</b> 2.97 lbs/gal (270 grams/litre)	<b>Coverage:</b> 9.2m <sup>2</sup> - 11.5m <sup>2</sup> per litre
<b>Flash Point (Method used):</b> TCC 43°C (110°F)	
<b>Dry Time:</b> 4 - 6 hours @ 30% ambient humidity	
<b>Viscosity:</b> Range @ 25°C/77°F: 250-500 CPS	
<b>Full cure/Maximum Hardness:</b> 96 hours (approximately the same viscosity as regular POR-15 RPP)	

### DIRECTIONS FOR USE:

Stir contents well, get all the residue off the bottom then dispense a portion into a separate container and seal can at once, keeping lid and grooves clean to avoid permanently sealing can shut.

- **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
- Do not paint directly out of can. Chassiscoat like all POR-15 coatings, should always be stirred, never shaken (creates bubbles). Ensure all residue is stirred off the bottom of the can.
- Best Dispensing Method: Use a scoop or pouring spout.
- Do not put left-over paint back into the can.
- Chassiscoat is best sprayed for a uniform look. If brushing, work in one direction only and you may need to add 3-5% Solvent.
- Re coat in 3-5 hr intervals.
- Top coating POR-15 Rust Preventative Paint should be done within 3-5 hrs. Otherwise use 300 grit paper to remove the shine from the POR-15 RPP and wash with Marine Clean dry and paint. Apply a second coat within 3-5 hrs.
- For older cured POR-15 Rust Paint or other surfaces apply a thin coat of Acid 8 (allow 1-12hrs) or Tie-Coat (allow 24 hrs) and paint.

**THINNING:** Use only POR 15 Solvent.

### SPRAY APPLICATION:

Use 25-35 lbs. (172-240 KPA) pressure for normal semi-gloss.  
Cleanup: Chassiscoat generally needs thinning for spray application 5-12%. Max 20%

**CURING** Chassiscoat can take 3-4 days to reach maximum hardness or longer in temperatures below 55°F (15°C).

**CLEAN UP** Use POR-15 Solvent or lacquer thinners for cleanup, which must be done before Chassiscoat dries, once dry Chassiscoat cannot be removed by solvent/thinners

### QUESTIONS AND ANSWERS

**I've been using POR-15 Rust Preventive Paint for years. Can I use Chassiscoat instead and get the same rust protection?**

*No. You can use Chassiscoat on bare steel and get rust protection, but nothing like POR-15 Rust Preventive Paint, which penetrates into the pores of the metal and chemically bonds with the surface. Use Chassiscoat over POR-15 to get the best possible protection.*

**Come on now! I've put Chassiscoat 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 POR-15 was shown to be clearly superior in preventing oxidation and corrosion. Try it yourself and you'll see. Though Chassiscoat will easily out-perform other coatings on bare steel, its greatest value and best use is as a topcoat over POR-15 Rust Preventive Paint. We don't classify it as a rust-preventive coating except in its use as a non-porous topcoat made to keep moisture from penetrating through it.*

**How does Chassiscoat work over other painted surfaces?**

*Very, very well. There are many occasions when you want corrosion protection over a painted surface where you can't remove the old paint. Just lightly sand the surface clean with Marine Clean, then topcoat with Chassiscoat.*

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

*Unfortunately, nothing is perfect in this world, not even Chassiscoat. 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 or 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 expensive, but we've never let cost stop us from making the best coatings money can buy.*

### PRECAUTIONS:

Avoid skin contact, use gloves. Remove from skin at once to avoid temporary staining. Brush in a well ventilated area.

**Spraying Note: Organic vapour particulate respirators, NIOSH/MSHA approved must be used when spraying Chassis Coat.**

Moisture will shorten the life of unused Chassiscoat. 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, Naphtha Petroleum #64742-95-6, Polymeric Isocyanate #28282-71-2, Contents partially unknown

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