



POR-15 CHASSISCOAT

Application Information

PRODUCT DESCRIPTION:

ChassisCoat Black is a permanent black topcoat developed for application over painted and primed surfaces. Apply over POR-15® Rust Preventive Paint for the toughest, most permanent protection against rust and corrosion ever developed. ChassisCoat Black 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 Black 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 chassis protection in the world!

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 directly out of can. ChassisCoat Black, like all POR-15® coatings, should always be stirred, never shaken. Best Dispensing Method: Use coffee scoop or pouring spout. Do not put left-over paint back into can. Thin only with POR-15® Solvent, if necessary. Apply in thin, covering coats.

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 CHASSISCOAT 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 ChassisCoat 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 ChassisCoat Black dries; once dry ChassisCoat Black cannot be removed by solvent. ChassisCoat Black can take 3-4 days to reach maximum hardness or longer in temperatures below 55°F 15°C. ChassisCoat Black will need thinning for most spray application 10-20%.

Question & Answers

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

No. You can use ChassisCoat Black 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 Black over POR-15 to get the best possible protection.

Come on now! I've put ChassisCoat Black 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 Black 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. 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 Black 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 clean that surface with a water-based cleaner, then topcoat with ChassisCoat Black.

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

Unfortunately, nothing is perfect in this world, not even ChassisCoat Black! 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. ChassisCoat Black is one of those coatings.

Odor: Aromatic

Percent Volatile by volume: 29.8%

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

Flash Point (Method used): TCC 110°F(43°C)

Viscosity: Range @ 77°F/25°C: 250-500 CPS

(approx. same viscosity as regular POR-15 RPP)

Application: Brush or Spray

Thinning Solvent: POR-15 Solvent only

Coverage: Quart - 96 - 120 sq ft (9-12sqm per liter)

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

Full Cure/Maximum Hardness: 96 hours

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 ChassisCoat Black. Moisture will shorten the life of unused ChassisCoat Black. 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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