



# CHASSIS COAT BLACK (SEMI-GLOSS Topcoat)

## APPLICATION INFORMATION

### PRODUCT DESCRIPTION:

**Chassis Coat Black** is a permanent semi-gloss topcoat UV stable paint developed for application over painted and primed surfaces. Apply over **POR15 Rust Preventive Paint** for the toughest, most permanent protection against rust and corrosion ever developed. **Chassis Coat Black** 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. **Chassis Coat 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 semi-gloss black paint available.

### 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:** 9.2m<sup>2</sup> -11.5m<sup>2</sup> per litre

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

### **DIRECTIONS FOR USE:**

Best dispensing method: Use a scoop or pouring spout. Stir contents well, get all of 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. Do not paint out of can. Apply and continue to stir every few minutes to keep pigments in suspension. Chassis Coat Black, like all POR-15 coatings, should always be stirred, never shaken.

**APPLICATION:** Chassis Coat Black is best sprayed for a uniform look. If brushing work in one direction only and you may need to add 3-5% Solvent. Do not put leftover paint back into the can. **Second Coat:** 3 to 5 hours.

**THINNING:** Use only POR-15 Solvent, if necessary.

**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 Chassis Coat Black dries, once dry Chassis Coat Black cannot be removed by solvent. Chassis Coat Black 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, rinse with water and dry, 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 Chassis Coat Black as a final finish. Depending on temperatures and humidity recoat within 3-5 hours.

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

**BARE STEEL:** Chassis Coat Black 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:** Chassis Coat Black 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 Chassis Coat Black the "perfect" topcoat, or does it have drawbacks I should know about?**

Unfortunately, nothing is perfect in this world, not even Chassis Coat Black. 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. Chassis Coat Black 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. Chassis Coat Black 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 Chassis Coat Black. 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 Chassis Coat Black. If brushing paint in a well ventilated area. Always wear gloves.

**IMPORTANT:** Chassis Coat Black 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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