



SHERWIN-WILLIAMS®
Automotive Finishes

**Black 1K/2K Enamel
Chassis Paint
CBS2835P**

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PRODUCT DESCRIPTION:

CBS2835P is a fast drying, solvent based chassis coating supplied ready-to-spray with optional 2K system. Both the 1K and 2K systems are designed for use over bare or pre-treated steel. They can also be applied over e-coated steel and/or powder-coated steel if the surface is cleaned and sanded. They exhibit good corrosion resistance and enhance the overall performance and appearance of chassis and undercarriage systems at an economical price. The optional 2K system utilizes a reactive hardener to improve the appearance and properties of the coating.

TECHNICAL DATA:

• Color		Black	• Dry to touch	<u>1K</u>	<u>2K</u>
• VOC as applied	1K: 3.4	2K: 2.8 (lbs./gal)	• Dry to handle at 65°F and 50% humidity	20 min	45 min
• Weight/Gallon supplied	7.9 ± 0.2 lbs./gal		• Through dry	45 min	70 min
• Viscosity at 77°F, supplied, #2 Zahn	12-18 sec		• Adhesion, Crosshatch, 7 day cure	4-6 days	7 days
• Applied Volume Solids	1K: 24.0	2K: 31.0	• Moisture resistance, 96 hrs humidity	Excellent	Excellent
• Spreading rate (sq.ft/gal/mil)	1K: 385.8	2K: 496.6	• Pencil Hardness	Good	Good
• Recommended dry film thickness	2.0 ± 0.2 mils		• Flexibility (1/8" mandrel)	6B-4B	4B-2B
• Substrate	Hot Rolled Steel, Cold Rolled Steel		• Flash Point	Good	Good
• Gloss, 60D meter	1K: 40-50	2K: 60-80, at 1 mil	• Corrosion resistance, unscrubbed at 100 hrs	0° F	0° F
				No rust	No Rust

(*) = Gloss values can vary based on actual line conditions (temperature, humidity, substrate type/texture, etc.)

SURFACE PREPARATION:

Clean surface with R7K156 or R7K158 cleaning solvents.
Mechanical abrasion is optional on bare substrate and will improve adhesion.
Surface must be free of rust, oil, dirt and other contaminants prior to painting to obtain optimum coating performance.

MIXING:

Agitate thoroughly before use. Strain with Nylon mesh plastic filters or paper cone filters.

- This product is supplied as a ready-to-spray paint with 3.4 lbs/gal VOC. Up to 10% additional acetone can be added for further reduction, if desired.
- For improved properties **mix 10:1 with V6V825 hardener** by volume for 2.8 VOC. Mix 10:1 with **GH1091, GH1096** or **V6V838** hardeners for 3.5 VOC.

APPLICATION:

- Recommended application environment: 65-85°F; 40-65% relative humidity.
- Apply 2-3 medium crosscoats at a gun distance of 8-10 inches, with a 1-3 minute flash between coats.
- Recommended wet film thickness: 2.0-3.0 mils.
- May recoat up to 72 hours without sanding. After 72 hours sanding is required. Minimum time to recoat is 1 hour.

Equipment

	<u>HVLP</u>	<u>Conventional Pressure Feed</u>
Fluid Tip	0.8 –1.0 mm	0.042"
Fluid Delivery	8-12 oz./min.	8-12 oz./min.
Atomizing Air	8–10 psi @ Air Cap	follow gun manufacturer recommendation

EQUIPMENT CLEAN-UP:

Clean up all spray equipment immediately after each use with acetone, MEK or any Urethane Grade solvent.

PRECAUTIONS:

This product contains acetone and may pressurize upon heating up, mechanical agitation, etc. Cover the lid with a shop cloth and open carefully.