

Technical Data Sheet

CP-5800 Vintage Hot Rod Black (Flat)**DESCRIPTION:**

CP-5800 Hot Rod Black is a 2 component acrylic urethane coating. It mixes 4:1 with **CP-5801 Activator** or **5802 Slow Activator**. **CP-5800 Hot Rod Black** is an excellent coating for restoration, striping, coating frames, engine compartments, or any place a primer like coating is needed. This coating formulated to withstand the same atmospheric conditions as any single-stage urethane system.

FEATURES:

- ☞ Even Flat Finish
- ☞ Excellent leveling
- ☞ Excellent adhesion
- ☞ Excellent chemical resistance
- ☞ Flexible
- ☞ Long-term durability
- ☞ Guaranteed performance

COMPATIBLE SURFACES:

Rigid plastics
Self-etch and epoxy primers
Polyester and urethane primers
OEM finishes

INSTRUCTIONS:

Make sure product is at room temperature 72°F (22.2°C) before mixing

GUN SETUP:

Conventional Gravity	1.3mm -1.4mm	40-45 psi @ gun
Siphon	1.3mm -1.4mm	40-45 psi @ gun
HVLP gravity	1.3mm -1.4mm	8-10 psi @ gun

**Fluid Adjustment for 1.3 mm nozzle—turn out 3 full turns*

**Fluid Adjustment for 1.4 mm nozzle---turn out 2 ½ turns*

PREPARATION:

Surface should be cleaned of all grease, oil, dirt, rust, etc before applying **CP-5800 Hot Rod Black**. If necessary clean surface with an engine cleaner to remove heavy deposits of grease and oil. Wash area with soap and warm water. Thoroughly clean area with **CP-90** or **CP-905 Waterborne Cleaner**. **CP-905 Waterborne Cleaner** must be used where VOC restrictions apply.

Cold Rolled Steel, Galvanized Steel & Galvaneal:

Sand area with 180-220 grit sandpaper. Clean again with **CP-90** or **CP-905**.

Aluminum:

Scuff surface with a red scuff pad or equivalent. Clean again with **CP-90** or **CP-905**.

Do not use coarse grit sandpaper.

Apply Pre-treatment primer and allow to cure. Apply primer surfacer and allow to cure. Sand primer surfacer with 180-220 grit sandpaper. If applying a sealer over the primer surfacer, finish sand with 320-400 grit sandpaper. If applying **CP-5800 Hot Rod Black** directly over the primer surfacer, finish sand with 400-500 grit sandpaper. **CP-5800 Hot Rod Black** can also be applied directly over a pre-treatment primer (Self-Etch primer and Epoxy Primer).

MIXING:

Shake well before mixing. Mix 4 parts **CP-5800 Hot Rod Black** to 1 part Activator according to temperature and area.

5.0 V.O.C. Compliant

CP-5801 Hot Rod Black Activator

CP-5802 Hot Rod Black Slow Activator

Special Hot Weather Note:

For spray temperatures over 100°F (37.8°C) add 1 oz. of **Urethane Retarder** per sprayable quart of **CP-5800** to improve flow, leveling and through cure.

APPLICATION:

1. Apply 1 full wet coat followed by 1 medium coat. Allow 5-10 minutes flash time between coats.

Dry Times:	
Dust Free:	10-15 minutes depending on temperature and activator selection
Tack Free:	10-15 minutes
Force Dry:	10 minutes @ 120°F (49°C)
Delivery:	Air Dry 6-8 hours
Bake:	After cool down
Time to stripe:	
Air Dry	6-8 hours (special care should be taken for first 24 hours)
Bake	1 hour after cool down
Time to decal:	
Air Dry	24 hours
Bake	24 hours
Time to recoat	
Air Dry	3-4 hours @ 70°F
Bake	After cool down

If recoating after 24 hours, scuff sand with 1200-1500 grit sandpaper before recoating.

TIPS FOR SUCCESS:

- For higher gloss apply 2 full wet coats instead of 1 full wet coat followed by 1 medium coat.

TECHNICAL DATA

Color	Flat Black
Activator/Hardener	CP-5801 CP-5802 Slow
Reducer	CP-80, 81, 82, or 83 will increase VOC; CPZ80, Z81 or Z82 will not
Mix Ratio	4 : 1
Pot Life	1 hr. @ 72°F (22.2°C) 50% RH
Number of Coats	1 Fill Wet Coat followed by 1 medium wet coat
Flash Time--Air Dry	5 - 10 minutes
Force Dry	5 - 10 minutes
Dust Free	10 - 15 minutes
Dry to Sand 70°F (21°C) 50% RH	N/A
Delivery--Air Dry	6 - 8 hours @ 72°F (22.2°C)
Force Dry	10 minutes @ 120°F (49°C)
Force Dry (metal temperature)	10 minutes @ 120°F (49°C)
Gun Set-Up Gravity Feed (HVLP)	1.3mm - Turn out 3 full turns 1.4mm - Turn out 2 1/2 full turns
Air Pressure @ Gun, HVLP	8 - 10 psi
Air Pressure @ Applicator Gun	40 - 45 psi
Dry Film Thickness / coat (DFT)	N/A
Regulatory Limits	
Regulatory V.O.C.	5.0 lbs/gal (600 g/l)
Actual V.O.C.	4.93 lbs/gal (5.91 g/l)
Sprayable V.O.C.	4.93 lbs/gal (5.91 g/l)
%Solids Sprayable by Weight	36%
Coverage Sq. Ft. / gal @ 1 mil*	480
Package	
CP-5800 Hot Rod Black	Gallons / Quarts
Activators	Quarts / ½ pints
Number per case	2 - Gallons / 6 - Quarts 6 - 32 oz. activators / 6 - ½ pint activators
Shelf Life	12 months