

COMPLIANT COATINGS SYSTEM

POLYURETHANE COATING



FLAT BLACK

VOC: 290 g/l or less, 2.42 lb/gal (Combined Components)
Meets Air Quality Regulations



FLAT BLACK is formulated for a premium “custom look” at 2.42 VOC or less. This two-component polyurethane system with a 4:1 ratio offers a durable, fast dry finish. This product is user-friendly, resulting in increased production.

FLAT BLACK is a single-stage coating; no clear coat is needed. FLAT BLACK can be used on cars, trucks, vans, motorcycles, bikes, ATVs, helmets, etc., when a flat black custom look is desired.

ADVANTAGES:

- ▼ Easy to mix
- ▼ Dust-free in 20 to 30 minutes
- ▼ Fast dry
- ▼ Single-stage
- ▼ Anti-glare safety

Product Numbers: PART A: 2703 Flat Black
PART B: 2798 Catalyst





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SURFACE PREPARATION

Prior to application, the surface must be dry, clean and free from wax, grease, oil, rust, dirt or any other foreign matter. Use PCL 2040 *NOVOC*® Compliant Universal Solvent or PCL 8007 Compliant Cleaning Solvent on unpainted surfaces or PCL 271 Aero Prep Surface Cleaner for painted surfaces. Sand and featheredge original finish with 220 or 320 wet or dry sandpaper. Use PCL 180 Series Pre-Treatment Coating over bare metal for optimum adhesion.

MIXING

Flat Black is a two-component product consisting of Flat Black Part A and Part B 2798 Catalyst. The proper mixing ratio is 4:1.

IMPORTANT! Flat Black Part A must be mixed with Flat Black Part B Catalyst before the product can be used. Any mixture of Part A and Part B Catalyst will have the hazards of both components. Before opening the packages, READ ALL WARNINGS ON THE LABELS. OBSERVE ALL APPLICABLE PRECAUTIONS.

MIX ONLY WHEN READY TO USE. Mix only enough material to spray two (2) wet coats.

Always maintain the proper mixing ratio, four parts Part A to one part Part B Catalyst. In a separate and larger container, thoroughly stir Part A and slowly add Part B Catalyst until well mixed.

Pot Life: Pot life is approximately 5 hours @ 77°F. Pot life will shorten at higher temperatures and/or in larger quantities.

THINNING

No thinning is required. If additional thinning is desired, use PCL 2010 Acetone or 2040 *NOVOC*® Compliant Universal Solvent.

APPLICATION

Apply 1 wet coat of Flat Black. Wait approximately 10 to 15 minutes for flash time, then follow with another wet coat. FOR OPTIMUM RESULTS and to avoid tiger striping, apply 1 wet coat of PCL 2671 2K Custom Sealer. Wait approximately 15 minutes for flash time. Follow with 1 wet coat of Flat Black. Do not apply more than 2 coats (maximum 4 mils wet). Do not cut or buff Flat Black.

FLUID TIP: 1.4mm at 10 PSI at the air cap for HVLV guns, 40 to 45 PSI at the gun for conventional guns.

DRY TIME

AIR-DRY (77°F):

Dust-free:	20 to 30 minutes
Hard dry:	Overnight
Full cure:	7 days
Force dry:	Flash-off time – 15 minutes Dry time – 20 minutes @ 140°F

EQUIPMENT CLEANING

Clean spray guns and coating application equipment in an enclosed equipment cleaner. Use PCL 2040 *NOVOC*® Compliant Universal Solvent or PCL 8007 Compliant Cleaning Solvent. Follow your local air quality regulations for solvent VOC requirements.

TECHNICAL DATA (Combined Components)

VOC:	290 g/l or less, 2.42 lb/gal
Color:	Black
Finish:	Flat
Solvent:	Ketones, Parachlorobenzotrifluoride, Xylene, Ethylbenzene and Styrene
Flash Point:	1°F TCC
Dust-free:	20–30 minutes
Dry-to-Touch:	1 – 2 hours
% Solids by Volume:	33
% Solids by Weight:	38
Coverage:	532 sq. ft. per gallon @ 1 mil DFT
Viscosity:	16–18 seconds in #2 Zahn cup @ 77°F
Recoat Time:	1 – 2 hours
Shelf Life:	1 year from date of manufacture when stored at temperatures not to exceed 90°F

PRODUCT USAGE



NOTE: FOR USE BY PROFESSIONAL, TRAINED PERSONNEL, USING PROPER EQUIPMENT WITH STANDARD SAFETY PROCEDURES. NOT INTENDED FOR SALE TO THE GENERAL PUBLIC. FOR PROFESSIONAL USE ONLY. NOT FOR RESIDENTIAL USE.

REFER TO THE PRODUCT LABEL AND MATERIAL SAFETY DATA SHEET (MSDS) FOR CAUTIONS AND WARNINGS PERTAINING TO THIS PRODUCT.

LIMITED WARRANTY

PCL certifies that all PCL products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in PCL published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, PCL assumes no liability for coating failure other than to supply replacement material for a PCL product shown to be defective. If you have questions, contact your dealer, visit www.pclautomotive.com, or call PCL. There is no other warranty, either expressed or implied.

