

# Polane® P Black Conductive Primer E67BC1704 / E67BF1704

## PRODUCT DATA SHEET

E67BC1704/E67BF1704 Polane® P Black Conductive Primer is a low bake, low VOC, two component urethane designed to provide superior adhesion to various rigid plastic substrates. The highly conductive film facilitates electrostatic application of topcoats for improved transfer efficiency.



### SURFACE PREPARATION

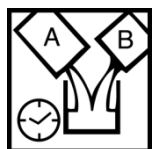
- Thoroughly clean bare substrates with SC159 Plastic Surface Cleaner / Anti-Static
- Follow with deionized water rinse.



### SUITABLE SUBSTRATES

- E67BC1704/E67BF1704 adheres directly to most plastics, including SMC, ABS, Nylon, and PC/ABS
- E67BC1704/E67BF1704 adheres directly to properly sanded DCPD
- E67BC1704/E67BF1704 adheres directly to Sherwin-Williams Glas Clad® Black Conductive IMC, E67BR1906

**Note:** Specific substrates require appropriate verification testing. Contact your Sherwin-Williams representative for details.



### MIXING\* By Volume



4 Parts  
E67BC1704  
E67BF1704

+



1 Part  
Hardener  
V66V27

+



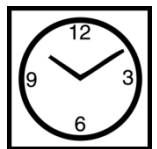
Up to 2 Parts  
Reducer  
VS100

**\*E67BC1704/E67BF1704 must be thoroughly agitated prior to mixing.**



### APPLICATION

- Conventional or HVLP spray equipment.
  - Equipment set up recommendations are specific to customer application. Contact your Sherwin-Williams representative for proper recommendations.
- Apply 1 wet coat of E67BC1704/E67BF1704 at a gun-to-part distance of 8-10" with 50% overlap, with approximately 3.5 wet mils to achieve 1.0 drymil.
- **Recoat:** Parts painted with E67BR1704 can be recoated with itself up to 6 months after initial application without sanding. Parts painted with E67BR1704 with surface defects may be sanded to remove defects after the primer has fully dried and then recoated with E67BR1704.

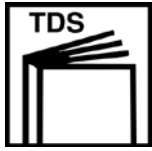


### DRYING SCHEDULE

- 10 minutes flash prior to bake.
- 30 minutes bake at 180° F or 15 minutes bake at 200° F.
- E67BC1704/E67BF1704 can be used as an air dry system. Please consult with your Sherwin-Williams representative.

### STORAGE

- Store material indoors away from heat and sunlight.
- Recommended storage temperature between 40° F and 90° F.



## TECHNICAL DATA

	As Packaged		As Applied**			As Packaged	As Applied**
	Lbs/Gal	G/L	Lbs/Gal	G/L	Viscosity, Signature Zahn #2	18-22 Seconds	18-22 Seconds
Density	10.52	1260	9.26	1109	Pot Life @ 75° F	N/A	6 Hours
VOC, Total	2.03	243.37	1.70	205	Recommended DFT	N/A	0.8 - 1.2 mils
VOC, Less Exempt	3.39	406.67	3.52	422	Theoretical Coverage	N/A	419 ft <sup>2</sup> /gal/mil
HAPS	0	0	0	0	Will pass the following specifications:		
	% by Wt.	% by Vol.	% by Wt.	% by Vol.	Freightliner	49-00087 (Rel: PA2024-61)	
Volatiles	45.4	66.5	55.7	73.4	Volvo	STD 5751,55	
Solids	54.6	33.5	44.3	26.6	PACCAR	CS0036	
Exempt Compounds	26.05	40.15	37.20	51.5	International	TMS-9005	
** As Applied with the full 2 parts of VS100					Ford	ESB-M6J106-C1	

**NOTE:** PPAP Approvals supersede this document.

To learn more about Sherwin-Williams products, please visit our web site at [www.OEM.Sherwin-Williams.Com](http://www.OEM.Sherwin-Williams.Com).