



TECHNICAL INFORMATION

POLANE DEAD FLAT BLACK F63B7

CHEMICAL COATINGS

PRODUCT DESCRIPTION

This product is a two component polyurethane formulated to be used wherever exposure of product to a wide variety of elements is anticipated, wherever continued endurance over an extended period of time is expected.

Its appearance, exceptional adhesion and low curing time and temperature suit is not only to metal surfaces, but to structural materials, such as polyester, fiberglass, structural foam, ABS plastic, SMC, nylon and many other plastic substrates. (For complete system on the aforementioned substrate, contact Sales.)

Advantages:

1. Unusual flexibility in production application of the finish.
2. Excellent chemical resistance.
3. Low energy curing system.

CHARACTERISTICS

Weight/Gallon (lbs.)	9.30 ± .1
Weight Solids	46.73% ± 2%
Volume Solids	32.35% ± 2%
Viscosity	90-100 sec., Ford #4 cup
VOC	4.9 lbs./gal; 590 gms./liter
Flash Point	Pensky-Martens 55°F

APPLICATION

Catalyst	V66V27
Mixing Ratio	
7 parts	F63B7
1 part	V66V27
Application Viscosity	22-24 sec., Zahn #2
Solvent	R7K84
Reduction	50%
Wet Film	4.3 mils
Dry Film	1.0 mils
Theoretical Spreading Rate	
	370 sq.ft./gal. at 1.0 mil
Potlife	8 Hours
Solids at Gun	23.1%
Gloss	1-6 at 60°
VOC at Gun	5.6 lbs./gal.; 675 gms./liter

Equipment:

Pressure Gun	
Tip	FF
Air Cap	765 DeVilbiss
Pot Pressure	
Base Coat	5 PSI
Texture	15 PSI
Atomizing Air	
Base Coat	40-60 PSI
Texture	15-30 PSI

Cure:

30 minutes at 180°F or air dry 8 hours.

Pretreatment:

All substrates should be free of mold release, oil, and other contaminants.

SPECIFICATIONS

Performance:

1. Hardness H-2H
2. 5% Salt Spray, 100 Hours Excellent
3. 100% Relative Humidity, 100°F, 500 Hours No effect
4. Water Immersion, Fresh, Salt, Distilled, 100 Hours Plus No effect
5. Solvent Rubs (20), Lacquer Thinner, Acetone, Gasoline, Xylol No effect
6. Taber Abrasion, CS-17 wheel, 1000 gr. load
.090 gm loss in 1000 cycles
7. Excellent resistance to lubricating oils, coolants and phosphate ester hydraulic fluids.

CAUTIONS

Two package urethane coatings contain isocyanates. These materials may sensitize certain individuals. In spray application where over spray is not controlled, air supplied respirators are recommended to prevent exposure. Where air supplied respirators are not available, a chemical cartridge particulate combination respirator recommended by the manufacturer for protection against isocyanate spray paint, should be used.

Refer to the Material Safety Data Sheet for further information.

Contact your local Sherwin-Williams representative for MSDS.

Note:

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variation in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties or guarantees as to the end results.

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