

TECHNICAL DATA

PG-60-SERIES / PH-65 EXTERIOR DECORATIVE POLYURETHANE TOPCOAT

June 2010

PRODUCT DESCRIPTION

This polyurethane gloss topcoat is designed for use as the final exterior decorative topcoat for airplane composites. When fully cured these coatings exhibit Skydrol and mar resistance and meet the most demanding aerospace specifications for chemical resistance, hardness, flexibility, color and gloss retention. This product also exhibits excellent DOI (distinctness of image) appearance.

SPECIFICATIONS

BMS 10-125 TYPE II, GRADE D; BMS 10-60 Type II, Class B, Grade D; BMS 10-72V, Type IX, DMS 2112 / Bombardier BAMS 565-09 Type I, Class A, Grade B.

SURFACE PREPARATION

Sand surface with 220 or finer grit aluminum oxide abrasive paper to remove the gloss. Remove the sanding dust with compressed air and wipe the sanded primary topcoat with tack rag prior to application of PG-60.

MIXING / APPLICATION

Shake or stir base component well. To 1 part PG-60-W2 base slowly add 1 part PH-65 hardener by volume. Agitate to ensure complete mixing. A 10-15% reduction (v/v) of the admixed primer with SR-350 (VOC compliant blend) is recommended for proper application, film thickness control, and a smooth film appearance. Allow mixed material to stand for 15 minutes prior to application. Apply a dry film thickness of 2.0 – 3.0 mil for optimum performance. Pot life is 4 hours*. Coating will dry to touch in 3 - 4 hours and dry to tape in 7 - 9 hours at 77 °F. Full properties are achieved after seven days cure.

**For best results use the product within 2 hours of mixing.*

PHYSICAL PROPERTIES:

Appearance:	Gloss, Various Colors
Gloss:	>90 @ 60 degrees
Admixed Viscosity:	16 - 18 Zahn #2
Dry to Tape:	7-9 hrs @ 77 °F, 50% R.H.
Coverage @ 1 mil (no loss):	850-900 ft ² /gal
Fineness of grind:	7+ Hegman
VOC Admixed:	340-350 g/L
Dry Film Density:	7.87 lbs/1000ft ² @ 1 mil

PRECAUTIONS:

Use with adequate ventilation and proper respiratory protection. See MSDS for complete details of composition and precautions.