

TECHNICAL DATA

PG-33 / PH-65 BUFFABLE HIGH SOLIDS POLYURETHANE TOPCOAT

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PRODUCT DESCRIPTION

This buffable polyurethane topcoat is a low VOC coating designed for use on aircraft and other equipment requiring excellent chemical resistance and high gloss. Fully cured films are Skydrol resistant and result in a hard mar resistant coating, further characterized by ease of cleaning, buffability, as well as excellent color retention and DOI.

SPECIFICATIONS

Bombardier BAMS 565-009, Type II, Class A, Grade B / Boeing BMS 10-60 Type II / Boeing BMS 10-72, Type IX

SURFACE PREPARATION

Metal surfaces should be primed with corrosion inhibiting primers, such as EP-2 Series High Solids Primer or EP-1 Series Conventional Primer. A fill primer may be applied over the corrosion inhibiting primer and sanded to the desired film thickness before applying the PG-33 Series Topcoat.

MIXING / APPLICATION

Shake or stir base component well. To 1 part PG-33 series 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-12 or 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. Spray apply in wet uniform coats to a dry film thickness of 1.5 – 3.0 mils using siphon cups, pressure pot, electrostatic, or HVLP spray equipment. 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:	>92 @ 60 degrees
Admixed Viscosity:	15 - 18 Zahn #2 (Signature) 18 - 22 Zahn #2 (E.Z.)
Volume Solids (Admixed):	50-55 theoretical, depending on color
Weight Solids (Admixed):	65-75 theoretical, depending on color
Dry to Tape:	7-9 hrs @ 77 °F, 50% R.H.
Coverage @ 1 mil (no loss):	600-800 ft ² /gal depending on color
Fineness of grind:	7.5+ Hegman
VOC Admixed:	<420 g/L - varies depending on color, all colors are
VOC compliant	
Shelf Life:	2 years from date of manufacture

PRECAUTIONS:

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