



# AXON PRODUCTS

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## AEROSPACE TECHNICAL DATA

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### PG-99/ PH-34R BUFFABLE HIGH SOLIDS GLOSS POLYURETHANE TOPCOAT

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#### **PRODUCT DESCRIPTION:**

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

#### **MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS:**

Bombardier BAMS 565-009, Type II, Class A, Grade B / Boeing BMS 10-60 Type II / Boeing BMS 10-72, Type IX / Boeing DMS 2112 / de Havilland DHMS C4.04 / and Lockheed Process 302 Standard.

#### **SURFACE PREPARATION:**

Should be applied over EP-2 series High Solids Primer or EP-1 series Conventional Primer. (See Process Standard for Exterior Decorative Paint System)

#### **MIXING / APPLICATION:**

Shake or stir color base component well. Mix one part PG-99 series base, to one part PH-34R hardener by volume. Agitate to insure complete mixing. Spray apply in wet uniform coats to a dry film thickness of 1.5 to 2.5 mils using siphon cups, pressure pot, electrostatic, air assisted airless, or HVLP spray equipment. Full properties are achieved after seven days cure.

#### **PHYSICAL PROPERTIES:**

Appearance:	Gloss, various colors
Gloss:	> 92 @ 60°
Admixed Solids by Weight:	65-75 theoretical, depending on color
Admixed Solids by Volume:	50-55 theoretical, depending on color
Coverage:	600-800 sq.ft/mil/gallon @ 100% transfer depending on color
Admixed Viscosity:	15-18 seconds #2 Zahn "Signature" 18-22 seconds #2 Zahn "E.Z."
Shelf Life:	2 year from date of manufacture
Storage Temperature:	40-95°F (4-35°C)
VOC:	≤ 420 grams/liter- varies depending on color, all colors are VOC compliant

#### **PRECAUTIONS:**

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