

TECHNICAL DATA

SP-70/ PH-67 FLEXIBLE POLYURETHANE SURFACER / PRIMER

October 2010

PRODUCT DESCRIPTION:

This two component polyurethane surfacer / primer is epoxy and polyurethane compatible and skydrol resistant for use on aircraft exterior. It is designed to be used as a sandable surfacer.

MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:

Bombardier BAMS 565-015, Class A, Grade B / Boeing BMS 10-103

SURFACE PREPARATION:

To be applied over EP-2-Y1 (BAMS 565-08) Epoxy Primer. All previously painted surfaces must be free from dirt, oils and any contaminants prior to painting.

MIXING / APPLICATION:

Mix thoroughly, two parts SP-70 base with one part PH-67 catalyst. The material should be further reduced up to 15% with SR-12 standard reducer, or SR-38 zero VOC reducer. Pot life will be 2 - 3 hours. Spray apply using siphon, pressure pot, cup gun, or electrostatic spray equipment. Avoid using air less spray equipment to apply high solids coatings as micro-blisters or haze may result. Spray apply a medium wet coat to a wet film thickness of 3 – 4 mils. Allow one hour dry time between coats. The dry time can be accelerated by using heat, polyurethane accelerator or a combination of both. Generally, 12 hours dry without bake will be necessary prior to sanding. The cured primer should be sanded with 180-220# to a smooth uniform surface then blown, solvent wiped with SR-51 and tacked prior to painting. This product should not be applied to unprimed metal surfaces.

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PHYSICAL PROPERTIES:

Appearance:	White
Admixed Viscosity:	25-28 seconds, #2 Zahn -EZ Cup
Admixed VOC:	323 grams/liter
	2.69 Lbs /gallon
Weight per Gallon:	A) Admixed 12.71+/- 0.2 lbs/ gal
	B) Base 15.06+/- 0.2 lbs/ gal
	C) Catalyst 8.09 +/- 0.2 lbs/ gal
Volume Solids:	A) Admixed 49.00 +/- 2%
	B) Base 56.97 +/- 2%
	C) Catalyst 33.07 +/- 2%
Fineness of Grind:	5 Hegman
Coverage @ 100% Usage - No Loss:	750-790 sq. ft @1 mil dry film thickness
Storage Temperature:	40-95°F
Shelf Life:	2 Years from date of manufacture

PRECAUTIONS:

Avoid skin contact. If eye contact is made, flush immediately and consult a physician. See MSDS for detailed physical constituents.