

TECHNICAL DATA

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

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PRODUCT DESCRIPTION

This polyurethane gloss topcoat is designed for use as the final exterior decorative topcoat. 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.

SURFACE PREPARATION

Reactivate the PS-22-C1 primary protective topcoat by sanding with 320 grit aluminum oxide abrasive paper. Remove the sanding dust with compressed air and wipe the surface with tack rag prior to application of PG-60.

*Do not sand through the PS-22-C1 coating.

MIXING / APPLICATION

Shake or stir base component well. To 1 part PG-60-Base slowly add 1 part PH-65 hardener by volume. Agitate to insure complete mixing. A 10-15% reduction of the admixed primer with SR-420 (VOC compliant blend) is recommended for proper application, film thickness control, and a smooth film appearance. Allow to stand for 15 minutes prior to application. Apply a dry film thickness of 2.0 – 3.0 mil for optimum performance. Coating will dry to touch in 1-2 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
Weight per Gallon:	A) Admixed	10.23 lbs/gal
	B) Base (PG-60-Base)	11.87 lbs/gal
	C) Hardener (PH-65)	8.59 lbs/gal
Volume Solids:	A) Admixed	55.42%
	B) Base (PG-60-Base)	54.97%
	C) Hardener (PH-65)	55.86%
Weight Solids:	A) Admixed	68.50%
Pot life:		4 hours
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:		>420 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.