

AEROSPACE EXTERIOR TOPCOAT COMPARISON GUIDE



This is a quick comparison guide to the various exterior topcoats designed for general aviation and commercial airline use.

	850 SERIES SKYSCAPES®	JET GLO EXPRESS™	855 SERIES SKYSCAPES® GENERAL AVIATION	858 SERIES SKYSCAPES® SINGLE STAGE	JET GLO®	ACRY GLO®
IDEAL APPLICATION/MARKET	Commercial and General Aviation	Commercial and General Aviation	General Aviation	General Aviation Exterior (Gloss) and Interior (Semi-Gloss & Flat)	General Aviation	General Aviation
COLOR NUMBERS	SNXXXXX Opaques SNEXXXXX Effects SNMXXXXX Metallics SNPXXXXX 3 Stage Micas SNQXXXXX Micas	YXXXXX Opaques ZXXXXX Opaques	SGXXXXX Opaques SGEXXXXX Effects SGMXXXXX Metallics SGPXXXXX Micas	SSXXXXX Full Gloss SFXXXXXX Semi-Gloss & Flat	UXXXXXX Opaques	TXXXXX Opaques WXXXXX Opaques HXXXXX Metallics HLGXXXXX Large Area Metallics
COLOR AVAILABILITY	Opaques, Metallics & Micas	Opaques	Opaques, Metallics & Micas	Opaques	Opaques	Opaques & Metallics
CHEMISTRY	Polyester/Acrylic Hybrid	Polyester Urethane	Polyester/Acrylic Hybrid	Polyester/Acrylic Hybrid	Polyester Urethane	Acrylic Urethane
TECHNOLOGY	Basecoat/Clearcoat	Single Stage	Basecoat/Clearcoat	Hybrid Single Stage	Single Stage	Single Stage (Opaques)/ BCCC (Metallics)
TONER SYSTEM USED	850 Series	840 Series	850 Series	850 Series	570 Series	571 Series
HARDENER	CM0850BH2	CM0840081	CM0855GH4	CM0858SH1	CM0578520	CM0571081
ACTIVATORS		CM0840A01 CM0840A02 CM0840A03 CM0840A05 CM0840A07				
REDUCER OPTIONS	CM0850BR0 CM0850BR1 CM0850BR3	CM0110093 CM0110099 CM0110208 CM0110944	CM0855GR0 CM0855GR2 CM0855GR5 CM0855ER2 CM0855ER5	CM0858SR2 CM0858SR4 CM0858SR6 CM0858SR8	CM0110701 CM0110755 CM0110821 CM0110308	CM0110701 CM0110755 CM0110821 CM0110308
VOC (with US exempt solvents)	3.5 lbs/gal	3.5 lbs/gal	3.5 lbs/gal	3.5 lbs/gal	5.0 lbs/gal	5.3 lbs/gal
MIXING RATIO	4:1:3	2:1:1 (Y colors) 2:1:1/2 (Z colors)	3:1:2	3:1:2	1:1 +10-25% Reducer	3:1 +10-25% Reducer
RECOAT TIME; MAXIMUM	96 Hours	24 Hours	72 Hours	72 Hours	24 Hours	48 Hours
POT LIFE	2 Hours	4 Hours	2 Hours	4 Hours	4 Hours	2 Hours
THEORETICAL COVERAGE (PER DRY MIL)	370-585 ft ² /gal	800-960 ft ² /gal	350-375 ft ² /gal	700-725 ft ² /gal	555-675 ft ² /gal	650-765 ft ² /gal
DRY TO TAPE*	2-3 Hours	6-24 Hours	60-90 Minutes	2-12 Hours	16-18 Hours	2-10 Hours
VISCOSITY — #2 ZAHN CUP	13-15 Seconds	16-20 Seconds	14-20 Seconds	15-18 Seconds	16-18 Seconds	16-18 Seconds
SHELF LIFE (BASE)	3 Years	3 Years	2 Years	2 Years	3 Years	3 Years
CLEARCOAT REQUIRED	Yes	No	Yes	No	No	No - Opaques Yes - Metallics

* Dependent upon Activator and/or Reducer selection.

Notes: *Please refer to the individual undercoat PDS for final information.

ASSUMPTIONS: This sheet is not intended to be a replacement for the PDS, but a selection guide.