



GENERAL INFORMATION

S2-BC02 Orion SilverMax is an advanced silver metallic basecoat in the market providing maximum performance, coverage / opacity, brightness and clean side tones. S2-BC02 is a universal basecoat that may be cleared for a final finish, or used as a foundation for Kandies.



SUBSTRATE

- Properly Prepared House of Kolor Primers & Sealers (KD3000 or KD3001 recommended for maximum reflectivity)
- All House of Kolor Shimrin2 Universal Bases
- Properly cured and prepared OEM finishes



COMPONENTS

ORION SILVERMAX	KANDY KONCENTRATES (OPTIONAL)	
S2-BC02	KK01 - KK22	
LV SERIES REDUCER (OPTIONAL)	RU SERIES REDUCER (OPTIONAL)	
RU300	RU310	RU313
RU301	RU311	RU315
	RU312	



GUN SETUP

Refer to spray gun manufacture's recommendations



DRY TIME

Allow to flash from 30 minutes up to a max of 4 hours before topcoating with USC01 or other House of Kolor clear coats. (refer to the tech sheet specific to the clear system you use intend to use.)



CLEAN UP

Clean equipment thoroughly with lacquer thinner or urethane reducer (check local regulations).



TECHNICAL DATA

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	2 : 1		10 : 1 : 50%		2 : 1		18 : 1 : 50%	
	RU310-313 Series Reducers				LV Series Reducers			
	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.5 Max.	420 Max.	3.5 Max.	420 Max.	0.8 Max.	95 Max.	0.8 Max.	95 Max.
Regulatory VOC (less water & exempt solvents)	6.0 Max.	720 Max.	6.0 Max.	720 Max.	3.5 Max.	420 Max.	3.5 Max.	420 Max.
Density	8-10	960-1200	8-10	960-1200	8-10	960-1200	8-10	960-1200
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
Total Solid Content	14-19	10-14	14-19	10-14	14-19	10-14	14-19	14-19
Total Volatile Content	81-86	86-90	81-86	86-90	81-86	86-90	81-86	86-90
Water	0	0	0	0	0	0	0	0
Exempt Compound Content	42-50	42-50	42-50	42-50	76-80	78-82	76-80	78-82
Coating Category	Two Stage Topcoat / Color Coating							

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional RU Series Reducer adds mentioned above.



MIXING RATIO

For 6.0 lb./gal. (720g/L.) VOC Compliance (US National Rule) - Solid Color

- 2 parts S2-BC02
 - 1 part RU Reducers RU310, 311, 312, 313 RU Series Reducers
- Optional: 90/10 blend of RU310-313 with RU315

KK Mixing Color

- 10 parts S2-BC02
- 1 part KK - Kandy Koncentrates
- 50% RU Reducers RU310, 311, 312, 313 RU Series Reducers

For 3.5 lb./gal. (420g/L.) VOC Compliance (LOW VOC) - Solid Color

- 2 parts S2-BC02
 - 1 part LV Series Reducers (RU300 or RU301)
- Optional: 0.5 oz per quart max RU310-313 with RU315

KK Mixing Color

- 10 parts S2-BC02
- 1 part KK - Kandy Koncentrates
- 50% LV Series Reducers (RU300 or RU301)



APPLICATION

Apply 2 to 3 medium coats of Shimrin2 Orion SilverMax (S2-BC02) with a 50% pattern overlap. Allow each coat to flash dull (Typically 5 to 15 minutes) between coats. If you intend to do artwork over Orion SilverMax, we suggest you allow the base to flash 30 minutes then apply 2 coats of S2-SG100 Intercoat (see tech sheet on S2-SG100) to protect against tape tracking, overspray, etc.



TECHNICAL DATA (continued)

FOR REST-OF-WORLD

RTS Regulatory Data	2 : 1		10 : 1 : 50%	
	RU310 - 313 Series Reducers			
	LBS/GAL	g/L	LBS/GAL	g/L
VOC	8.6 Max.	1035 Max.	8.6 Max.	1035 Max.
Density	8-10	960-1200	8-10	960-1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	14-19	10-14	14-19	10-14
Total Volatile Content	81-86	86-90	81-86	86-90
Water	0	0	0	0
Coating Category	Two Stage Topcoat / Color Coating			

Note: Rest-of-World considered areas outside US/Canada.



TIPS AND TRICKS

- For more even coats use slower reducer.