



## 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.