



GENERAL INFORMATION

Shimrin Metallic Color Bases (BC / FBC & C2C-BC / C2C-FBC) are universal basecoats in a simple Factory Pack system that may be cleared for a final finish, or used as a base for Kandys. The "C2C" version is Coast-2-Coast compliant, meeting all low-VOC regulatory limits, in a solvent-based system.



PREPARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures.
- All surfaces should be finish sanded with 600/P800 grit wet or dry sandpaper or equivalent.



SUBSTRATE

- Properly prepared House of Kolor primers and sealers.
- SS01 Silver Sealer (Tinted with Kandy Concentrates)
- S2-BC02
- House of Kolor Basecoats
- Properly cured and prepared OEM finishes.



COMPONENTS

BC & FBC FACTORY PACKS (NATIONAL RULE ONLY)	C2C-PBC FACTORY PACKS	LV SERIES REDUCER	RU SERIES REDUCER
For Entire BC & FBC product list visit Houseofkolor.com	For Entire C2C-BC & C2C-FBC product list visit Houseofkolor.com	RU300	RU310
		RU301	RU311
			RU312
			RU313



GUN SETUP

Refer to spray gun manufacturer's recommendations



MIXING RATIO

For BC / FBC or C2C-BC / C2C-FBC National Rule VOC Compliance (2 : 1 by volume)

- 2 parts BC, FBC or C2C-BC, C2C-FBC Factory Pack
 - 1 part RU310-RU313 RU Series Reducers
- Optional: 90 / 10 of RU310 - 313 with RU315

For C2C-BC / C2C-FBC 3.5 lb/gal (420 g/L) VOC Compliance (Low VOC) (2 : 1 by volume)

- 2 parts C2C-BC or C2C-FBC Factory Pack
- 1 part LV Exempt Series Reducers RU300 or RU301



APPLICATION

Apply 2 to 3 medium coats with 50% pattern overlap. Allow each coat to flash dull (5 to 15 minutes) between coats. Walk long objects, and avoid dry spraying. If you intend to do artwork over the basecoat, we suggest you allow the basecoat to flash 15 minutes then apply 2 medium coats of S2-SG100 Intercoat (see tech sheet on S2-SG100) to protect against tape tracking and overspray under the masking tape, etc.



DRY TIME

Allow to flash from 30 minutes up to 4 hours maximum prior to applying House of Kolor's clear. Do not Intermix other manufacturers' products with House of Kolor to avoid potential problems.



CLEANUP

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



TECHNICAL DATA

FOR USA (National Rule): **BC & FBC Factory Packs**

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS / GAL	g / L
Actual VOC	6.8 Max	815 Max
Regulatory VOC (less water & Exempt Solvents)	6.8 Max	815 Max
Density	7-9	840 - 1080
	Weight %	Volume %
Total Solid Content	10-15	8-13
Total Volatile Content	85-90	87-92
Water	0	0
Exempt Compound Content	0	0
Coating Category	Two Stage Topcoat / Color Coating	

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional reducer blends.

FOR USA (National Rule & Low VOC) / Canada:

C2C-BC/C2C-FBC Factory Packs

RTS Regulatory Data	2 : 1			
	RU310-313 Series Reducers		LV Series Reducers RU300-301	
	LBS / GAL	g / L	LBS / GAL	g / L
Actual VOC	6.8 Max	815 Max	0.7 Max	85 Max
Regulatory VOC (less water & Exempt Solvents)	6.8 Max	815 Max	3.5 Max	420 Max
Density	7-9	840 - 1080	7-9	840 - 1080
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	10-15	8-13	10-15	8-13
Total Volatile Content	85-90	87-92	85-90	87-92
Water	0	0	0	0
Exempt Compound Content	40-50	40-50	80-85	80-85
Coating Category	Two Stage Topcoat / Color Coating			

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations.

FOR REST-OF-WORLD: **BC, FBC & C2C-BC, C2C-FBC Factory Packs**

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS / GAL	g / L
Actual VOC	6.8 Max	815 Max
Density	7-9	840 - 1080
	Weight %	Volume %
Total Solid Content	10-16	8-14
Total Volatile Content	84-90	86-92
Water	0	0
Coating Category	Two Stage Topcoat / Color Coating	

Note: ROW considered areas outside of US/Canada.