



GENERAL INFORMATION

Shimrin2 Graphic Kolors (S2-SG) are the S2 version of the Shimrin SG series. These new graphic kolors lend even more freedom to the painter. S2-SG's are universal basecoats that can be simply cleared for a final finish, or used as a basecoat for Kandy Base Coats (KBC).



SUBSTRATE

- Properly prepared House of Kolor primers and sealers.
- All Shimrin2 basecoats.
- Properly cured topcoat clears (artwork only)



PREPARATION

Shimrin2 Graphic Kolors are susceptible to staining or bleeding from plastic fillers, putties, fiberglass resins and some primers. To prevent staining, prime with KD3000 Direct To Metal Epoxy Primer. See tech sheets for more information on KD primers.

GROUND COAT

- KD3000 Series
- All Shimrin2 Basecoats

VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF BASE COAT. Sealers are commonly used as a ground coat for Shimrin2 graphic kolors. Use a House of Kolor sealer closest to the base color for faster coverage of base coats. When using sealer, allow flash time. See tech sheet for information on sealers.



SANDING SUBSTRATE

Typically, S2-SG Graphic Kolors do not require sanding or scuffing as long as they haven't sat more than 4 hours prior to top coating. In the event it will have to sit beyond 4 hours such as when performing artwork, it should be sanded. Recommended grit is 500-600 wet or dry. You can also use a gray scuff pad.



COMPONENTS

SHIMRIN2 GRAPHIC KOLORS		LV SERIES REDUCER	RU SERIES REDUCER
S2-SG01 HS MAROON	S2-SG05 HS RED	RU300	RU310
S2-SG02 HS GREEN	S2-SG06 HS BLUE	RU301	RU311
S2-SG03 HS MAGENTA	S2-SG07 HS ORANGE		RU312
S2-SG04 HS YELLOW			RU313
			RU315



MIXING RATIO

For 5.0 lb./gal. (600 g/L) VOC Compliance (US National Rule) - (2:1 by volume)

- 2 parts Shimrin2 Graphic Kolors (S2-SG01 - 07)
- 1 part RU310, 311, 312, 313 Reducers

Note: 90/10 blend max. RU310 - 313 and RU315

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

- 2 parts Shimrin2 Graphic Kolors (S2-SG01 - 07)
- 1 part RU300 or RU301 LV Exempt Reducers

Note: 90/10 blend max. RU300 or RU301 LV Series / RU310, 311, 312, 313 Series Reducers



GUN SETUP

Refer to spray gun manufacturer instructions for setup.



CLEAN UP

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



APPLICATION

Strain the paint into the paint gun. Gun distance while spraying should be approximately 6 inches. Apply 2-3 medium coats with 50% pattern overlap. Walk long objects. Allow flash time between coats. Shimrin® Graphic Kolors will dry dull. Allow dry time before Kandy or clear is applied (usually about 15 to 60 minutes and not longer than 4 hours). Artwork may usually be taped after 1 hour of dry time. Dry time may vary based on shop and weather conditions.

NOTES:

ALL SHIMRIN2 GRAPHIC KOLORS WILL DRY DULL AND SHOULD FEEL DRY TO THE TOUCH BEFORE THE NEXT COAT IS APPLIED.

If waiting longer than 4 hours between coats use S2-SG100 to protect S2-SG layer.

ARTWORK & INTERCOAT USE (optional)

- Graphic Kolors, with their low solids, are an excellent choice for artwork. If artwork is planned, you may tape directly onto the base.
- 2 medium coats of S2-SG100 Intercoat or USCO1. The clear coat will protect the base from mistakes.



TECHNICAL DATA

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	2 : 1			
	RU310-313 Series Reducers		LV Series Reducers	
	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	4.2 Max.	505 Max.	1.9 Max.	227 Max.
Regulatory VOC (less water & exempt solvents)	5.0 Max.	600 Max.	3.5 Max.	420 Max.
Density	8 - 10	960 - 1200	8 - 10	960 - 1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	34 - 37	28 - 30	32 - 37	28 - 30
Total Volatile Content	63 - 66	70 - 72	63 - 68	70 - 72
Water	0	0	0	0
Exempt Compound Content	16 - 20	16 - 20	46 - 50	46 - 50
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 blend.

FOR REST-OF-WORLD

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS/GAL	g/L
VOC	6.7 Max.	800 Max.
Density	8 - 10	960 - 1200
	Weight %	Volume %
Total Solid Content	34 - 37	28 - 30
Total Volatile Content	63 - 66	70 - 72
Water	0	0

NOTE: ROW is considered all areas outside US/Canada.