



GENERAL INFORMATION

House of Kolor Shimrin2 Basecoat system is an intermix system composed of Effect packs, Karrier bases, Urethane Kandys and Kandy Basecoats.



SUBSTRATE

- Properly Prepared House of Kolor Primers & Sealers
- SS01 Silver Sealer
- S2-BC02 Orion SilverMax
- Shimrin2 Basecoats
- Properly cured and prepared OEM Finishes



COMPONENTS

SHIMRIN2 KARRIER BASES	S2- FX EFFECT PACS	
S2-00	S2-FX01	S2-FX35
S2-01	S2-FX02	S2-FX36
S2-02	S2-FX03	S2-FX37
S2-03	S2-FX04	S2-FX38
S2-04	S2-FX05	S2-FX39
S2-05	S2-FX21	S2-FX41
S2-06	S2-FX22	S2-FX42
S2-07	S2-FX23	S2-FX43
S2-08	S2-FX24	S2-FX44
S2-09	S2-FX25	S2-FX45
S2-10	S2-FX26	S2-FX46
S2-11	S2-FX30	S2-FX47
S2-12	S2-FX31	S2-FX61
S2-13	S2-FX32	S2-FX62
S2-14	S2-FX33	S2-FX65
S2-15	S2-FX34	S2-FX66
S2-16	S2-FX32	S2-FX67
S2-17	S2-FX33	
S2-18	S2-FX34	

LV SERIES REDUCER	RU SERIES REDUCER
RU300	RU310
RU301	RU311
	RU312
	RU313
	RU315



GUN SET UP

Refer to spray gun manufacturer's recommendations



APPLICATION

Apply 2 to 3 medium coats of Shimrin2® Basecoat with a 75% pattern overlap. Depending on your combination of color and pearls, using a 75% overlap with proper gun adjustments will eliminate blotching issues and streaks. Allow each coat to flash dull (Typically 5 to 15 minutes) between coats. If you intend to do artwork over the Shimrin2® base coat, we suggest you allow the base coat 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. For "touch ups & blending".



CLEAN UP

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



DRY TIME

Allow to flash from 30 minutes up to 4 hours maximum prior to applying klear. House of Kolor USC01 Urethane Show Klear is recommended for maximum durability and protection of your custom paint project. House of Kolor Klears have 3 times the UV blocking capability of regular automotive clear. Do not Intermix other manufacturers' products with House of Kolor.



MIXING RATIO

For 5.9 lb./gal. (705 g/L.) VOC Compliance (US National Rule) - (2:1 by volume)

- 2 parts Shimrin2 Karrier Bases
- 1 part RU Reducer (RU310, RU311, RU312 or RU313)

NOTE: 90/10 blend max. RU Series Reducers / RU315

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

- 2 parts Shimrin2 Karrier Bases
- 1 part RU Reducer (RU300 or RU301)

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

For 5.9 lb./gal. (705 g/L.) VOC Compliance (US National Rule) - (3:1:2 by volume)

- 3 parts Shimrin2 Karrier Bases
- 1 Part S2-FX Effect Pac
- 2 part RU Reducer (RU310, RU311, RU312 or RU313)

NOTE: 90/10 blend max. RU Series Reducers / RU315

For 3.5 lb./gal. (420 g/L.) VOC Compliance (Low VOC) - (3:1:2 by volume)

- 3 parts Shimrin2 Karrier Bases
- 1 Part S2-FX Effect Pac
- 2 part RU Reducer (RU300 or RU301)

NOTE: 90/10 blend max. RU300 or RU301 LV Series / RU310, 311, 312, 313, 315 Series Reducers



TECHNICAL DATA

FOR REST-OF-WORLD

RTS Regulatory Data	2 : 1		3 : 1 : 2	
	RU310-313 Series Reducers		RU310-313 Series Reducers	
	LBS/GAL	g/L	LBS/GAL	g/L
VOC	8.8 Max.	1060 Max.	8.8 Max.	1060 Max.
Density	8 - 10	960 - 1200	8 - 10	960 - 1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	13 - 18	13 - 18	13 - 18	13 - 18
Total Volatile Content	82 - 87	82 - 87	82 - 87	82 - 87
Water	0	0	0	0
Category	Two Stage Topcoat / Color Coating			

NOTE: ROW considered areas outside the US &



TECHNICAL DATA (continued)

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	2 : 1		2 : 1		3 : 1 : 2		3 : 1 : 2	
	RU310-313 Series Reducers		RU300 & 301 LV Series Reducers		RU310-313 Series Reducers		RU300 & 301 LV Series Reducers	
	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.4 Max.	410 Max.	0.95 Max.	115 Max.	3.3 Max.	390 Max.	0.95 Max.	115 Max.
Regulatory VOC (less water & exempt solvents)	5.9 Max.	705 Max.	3.5 Max.	420 Max.	5.9 Max.	705 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	13-18	13-18	13-18	13-18	13-18	13-18	13-18	13-18
Total Volatile Content	82-87	82-87	82-87	82-87	82-87	82-87	82-87	82-87
Water	0	0	0	0	0	0	0	0
Exempt Compound Content	42-46	42-46	73-77	73-77	45-48	45-48	73-77	73-77
Category	Two Stage Topcoat / Color Coating							

NOTE: US/Canada Regulations allow for the use of exempt compounds for VOC calculations. Includes optional reducer blends using the RU Series Reducers.

T&T TIPS AND TRICKS

- Excellent basecoat choices over the DTS foundation surfacers / sealer are House of Kolor's SS01 Silver Sealer, S2-BC02 or S2-25 / S2-26.
- The color of the ground coat will effect the appearance of the basecoat.
- We recommend using a ground coat color that is closest to the Shimrin2 basecoat color. This will reduce the number of layers of basecoats required to achieve desired color or effect.
- HOK1052015 Color Check Panel, a must have color tool. This innovative spray-out panel consists of 62 KD3000 series color variations. Color styling has never been easier or faster. Simply apply basecoats over panel to achieve an instant library of colors and effects.