



GENERAL INFORMATION

Shimrin2 is the next generation, ground-breaking universal basecoat system from House of Kolor. Through new polymer technology, and innovative chemistry, we are able to meet and exceed low VOC regulatory limits with a solvent based system designed for Kustom Painting. S2-00 Trans Nebulae is the beginning of all Shimrin2 effects, making it the heart of the Shimrin2 product system. The diverse components in the Shimrin2 Basecoat System are used to create straight effects without pigment, KBC Kandy Basecoats, tri-stage coats and much more. Color styling is a breeze with the S2 FX Karrier Bases. These S2 FX Karrier Bases combined with the eye-popping S2-FX Effect Pacs will give you all the tools needed to create a truly Kustom finish.

IMPORTANT NOTES

- All Shimrin2® base coats are semi-translucent. It is critical the vehicle or substrate is ground coated with one even color. Excellent ground coat choices over the DTF Foundation Surfacer / 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 base coat.
- We recommend using a ground coat color that is closest to the Shimrin2® base coat color. This will reduce the number of Coats of Shimrin2® basecoats required to achieve desired color or effect.
- HOK1052015 Color Check Panel, a must have color tool. This innovative spray-out panel consists of sixty-two 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.



SUBSTRATE

- KD3000 Series DTS Foundation Surfacer / Sealer
- SS01 Silver Sealer
- S2-BC02 Orion SilverMax
- Shimrin2® Basecoats
- Properly cured and prepared OEM Finishes



PREPARATION

Please be aware that Shimrin / Shimrin2 bases, Kandy's and Klears can be susceptible to staining or bleeding from polyester body fillers, putties, fiberglass resins and some primers. To prevent staining, Please refer to the tech pages on KD3000 Series. It is important to maintain at least a 2 dry mil film thickness of KD3000 Series DTS Foundation Surfacer Sealer.



COMPONENTS

SHIMRIN2 FX KARRIER BASES	S2- FX EFFECT PACS	S2-FX38 S2-FX39	RU SERIES REDUCER
S2-00	S2-FX01	S2-FX41	RU310
S2-01	S2-FX02	S2-FX42	RU311
S2-02	S2-FX03	S2-FX43	RU312
S2-03	S2-FX04	S2-FX44	RU313
S2-04	S2-FX05	S2-FX45	RU315
S2-05	S2-FX21	S2-FX46	RU300
S2-06	S2-FX22	S2-FX47	RU301
S2-07	S2-FX23	S2-FX51	
S2-08	S2-FX24	S2-FX52	
S2-09	S2-FX25	S2-FX53	
S2-10	S2-FX26	S2-FX54	
S2-11	S2-FX30	S2-FX55	
S2-12	S2-FX31	S2-FX56	
S2-13	S2-FX32	S2-FX61	
S2-14	S2-FX33	S2-FX62	
S2-15	S2-FX34	S2-FX65	
S2-16	S2-FX35	S2-FX66	
S2-17	S2-FX36	S2-FX67	
S2-18	S2-FX37		



GUN SET UP

Refer to spray gun manufacturer's recommendations



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



APPLICATION

Apply 2 to 3 medium coats of Shimrin2® Basecoat 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 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", see corresponding section on S2-SG100 TDS.

TOUCH UPS & BLENDING

S2-SG100 Intercoat may be used to blend Shimrin2® Pearl and Metallic Base Coats. Metallics will not darken as they normally would at the blend. S2-SG100 may also be added directly to Shimrin2® Bases for undetectable blends on touch ups. See S2-SG100 TDS for more information.



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.



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		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.


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 & Canada.

HEALTH AND SAFETY

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

IMPORTANT: The contents of this package have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

If used as instructed, this product is designed to comply with VOC standards in low-VOC jurisdictions. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

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