



GENERAL INFORMATION

Shimrin2 Solid Basecoats S2-25 & S2-26 are the next generation of ground-breaking universal basecoats 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. S2-25 Jet Black & S2-26 Bright White are Shimrin2 universal basecoats that may be cleared for a final finish, or used as a foundation for Kandies and your own Kustom Kreations. The Jettest Black and Brightest White are a must-have on every painter's bench.



SUBSTRATE

- KD3000 Series DTS Foundation Surfacer Sealers
- All House of Kolor Shimrin2 Universal Bases
- Properly cured and prepared OEM finishes

SANDING THE SUBSTRATE

For all substrates

- Dry Sanding: FIPA grade = 280P to 320P grit (CAMI grade = 240 to 280 grit)
- Wet Sanding: FIPA grade = 600P to 800P grit (CAMI grade = 400 to 500 grit)

NOTE: Typically sealers do not need to be sanded. Do not seal until you are ready to apply the paint. This is where your chemical bond begins.



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

- RU310 Fast Reducer 65°F to 75°F
- RU311 Medium Reducer 75°F to 85°F
- RU312 Slow Reducer 85°F to 95°F
- RU313 Very Slow Reducer 95°F to 100+°F
- RU315 Retarder
- RU300 LV Cool Weather Reducer 70°F to 85°F
- RU301 LV Warm Weather Reducer 85 to 100+°F
- S2-FX Pacs Optional



MIXING RATIO

For 5.8 lb/gal (700 g/L) VOC Compliance (US National Rule)

- 2 parts Shimrin2 Solid Basecoats (S2-25 or S2-26)
- 1 part RU310, 311, 312, 313 RU Series Reducers

Optional: 90/10 blend of RU310-313 with RU315

For 3.5 lb/gal (420 g/L) VOC Compliance (Low VOC)

- 2 parts Shimrin2 Solid Basecoats (S2-25 or S2-26)
- 1 part LV Exempt Series Reducers (RU300 or RU301)

Optional: 80/20 blend max of LV Exempt Series/RU Standard Series Reducers



APPLICATION

Apply 2 to 3 medium coats of Shimrin2® (S2-25 or S2-26) 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 Jet Black or Bright White, 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, etc.

• TOUCH UP & BLEND

S2-SG100 may be added directly to Shimrin2® Solid Bases for undetectable blends on touch ups. See S2-SG100 TDS for additional information.



DRY TIME

Allow to flash from 30 minutes up to a max. 4 hours before top coating with USC01 Urethane Show Klear, or other Kosmic Klears (refer to the tech sheet specific to the Klear system you intend to use).



GUN SET UP

Refer to Spray Gun Manufacturer's settings.



SHIMRIN2® SOLID BASECOATS S2-25 JET BLACK / S2-26 BRIGHT WHITE



TECHNICAL DATA

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	2 : 1		2 : 1	
	RU310-313 Series Reducers		LV Exempt Series Reducers	
	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.5 Max.	420 Max	0.95 Max.	110 Max
Regulatory VOC (less water & exempt solvents)	5.8 Max.	700 Max.	3.5 Max.	420 Max.
Density	8 – 10	960 – 1200	9 – 11	1080 – 1320
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	12 – 29	10 – 18	11 – 27	10 – 18
Total Volatile Content	71 – 88	82 – 90	73 – 89	82 – 90
Water	0	0	0	0
Exempt Compound Content	38 – 57	40 – 53	68 – 88	74 – 88
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 blends above.

FOR REST-OF-WORLD

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS/GAL	g/L
VOC	9.0 Max.	1080 Max.
Density	8 – 10	960 – 1200
	Weight %	Volume %
Total Solid Content	12 – 29	10 – 18
Total Volatile Content	71 – 88	82 – 90
Water	0	0
Category	Two Stage Topcoat / Color Coating	

Note: Rest-of-World considered areas outside 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.

WWW.HOUSEOFKOLOR.COM

valspar