



GENERAL INFORMATION

Shimrin® Designer Pearls (PBC) are universal basecoats in a simple Factory Pack system that may be cleared for a final finish, or used as a base for Kandys or other Pearls. The "C2C" version is Coast-2-Coast compliant, meeting all low-VOC regulatory limits, in a solvent-based system.

IMPORTANT NOTES

- All PBC & C2C-PBC Designer Pearl basecoats are translucent. It is critical the vehicle or substrate is ground coated with one even color. Excellent ground coat options are KD3000 DTS Foundation Surfacer Sealers (KD3000 or KD3001 recommended for maximum reflectivity), SS01 Silver Sealer, S2-BC02, and all House of Kolor Bases. The color of the ground coat will affect the appearance of the PBC & C2C-PBC versions dramatically. The darker basecoats improve sprayability and depth.



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

- KD3000 Series DTS Foundation Surfacer / Sealer
- SS01 Silver Sealer (Tinted with Kandy Koncentrates)
- S2-BC02
- House of Kolor Basecoats
- Properly cured and prepared OEM Finishes

GROUND COAT

ALL PBC & C2C-PBC DESIGNER PEARL BASE VERSIONS ARE TRANSLUCENT. IT IS CRITICAL THE VEHICLE OR SUBSTRATE IS GROUND COATED WITH ONE EVEN HOUSE OF KOLOR BASECOAT COLOR.

NOTE: Sealer is not a cure-all for poor preparation and does not prevent discoloration or bleeding. The main purpose of the sealer is to increase adhesion of topcoats, to make the object one color (nearest to the base for faster coverage), and to improve color holdout.



COMPONENTS

PBC Factory Packs (National Rule Only)

- | | | | |
|---------|---------|---------|----------|
| • PBC30 | • PBC39 | • PBC50 | • PBC69 |
| • PBC31 | • PBC40 | • PBC52 | • PBC100 |
| • PBC32 | • PBC41 | • PBC53 | • PBC102 |
| • PBC35 | • PBC42 | • PBC62 | • PBC103 |
| • PBC36 | • PBC43 | • PBC63 | • PBC104 |
| • PBC37 | • PBC44 | • PBC64 | • PBC105 |
| • PBC38 | • PBC47 | • PBC65 | • PBC107 |
| | • PBC48 | • PBC67 | |
| | • PBC49 | • PBC68 | |

C2C-PBC Factory Packs

- C2C-PBC31
- C2C-PBC32

RU Series Reducers

- 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



GUN SET UP

Refer to spray gun manufacturer's recommendations



MIXING RATIO

For PBC or C2C-PBC National Rule VOC Compliance - (2 : 1 by volume)

- 2 parts PBC or C2C-PBC Factory Pack
- 1 part RU310-RU313 RU Series Reducers

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

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



APPLICATION

Apply 2 to 3 medium coats with a 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 it 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.



SHIMRIN® PBC & C2C-PBC CLASSIC & COAST 2 COAST COMPLIANT DESIGNER PEARL FACTORY PACKS



DRY TIME

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



CLEAN UP

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



TECHNICAL DATA

FOR USA (National Rule): PBC 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	

FOR REST-OF-WORLD: PBC & C2C-PBC 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.

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

FOR USA (National Rule & Low VOC) / Canada: C2C-PBC 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	3.2 Max	385 Max	0.7 Max	84 Max
Regulatory VOC (less water & Exempt Solvents)	5.8 Max	700 Max	3.5 Max	420 Max
Density	7-9	840 - 1080	8-10	960 - 1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	11-16	9-14	11-16	9-14
Total Volatile Content	84-89	86-91	84-89	86-91
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.



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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.