



GENERAL INFORMATION

The VRB30 Basecoat intermix quality combines effortless application, metallic control and blending in one while requiring minimal coats to get coverage.



1. COMPONENTS

- VRB30 National Rule Basecoat
- HPC2 Activator Fast (optional)
- 171HP Reducer High Performance Fast
- 172HP Reducer High Performance Medium
- 173HP Reducer High Performance Slow
- 174HP Reducer High Performance Very Slow



2. MIXING RATIO (1:1:0-1%)

- Mix one (1) part VRB30 Basecoat with one (1) part 171HP – 174HP High Performance Reducer.
- **Optional:** Add 1% max if HPC2 Activator per sprayable quart for enhanced performance.



3. Pot Life

- When properly covered at 77°F (25°C), VRB30 National Rule Basecoat will maintain a sprayable viscosity indefinitely.
- With HPC2: two (2) hours.



4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPEARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures.
- All surfaces should be finish sanded with 600-800 grit wet or dry sandpaper or equivalent.

OEM BLEND AREAS

Option 1:

- Clean blend area with Valspar 170 Aqua Clean.
- Scuff blend area with gray scuff pad and sanding paste.
- Sanding paste must be thoroughly washed away.
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating.

Option 2:

- Clean blend area with Valspar 170 Aqua Clean.
- Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad.
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating

NOTE: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull.



7. APPLICATION

- Apply two (2) to three (3) coats – Gun distance of 6-8 inches.
- Apply an even wet coat, without missed areas
- Allow to flash 8-10 minutes or hand slick before applying second coat. A drop or orientation coat can be used for metallic colors to help achieve uniform metallic orientation.
- Recommended film build is 2.0 – 3.0 mils dry.



8. FLASH/DRY TIMES - AIR DRY @77°F (25°C)

• Air Dry

Flash Between coats	5-15 minutes
To Tape	10-20 minutes
To Clear Coat	30-40 minutes

NOTE: If basecoat is allowed to dry more than 24 hours before clearcoating, scuff and re-spray basecoat.



9. INFARED CURE

- N/A

10. SPRAY GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.3 mm – 1.4 mm
Siphon Feed	1.6 mm – 1.7 mm
HVLP	
Fluid Tip	1.3 mm – 1.4 mm



AIR PRESSURES

Conventional @ Gun	
Gravity Feed	15 – 20 psi
Siphon Feed	30 – 40 psi
HVLP Inlet Air	
	6 – 8 psi
See spray gun manufacturer info.	



11. SUBRATES

- DTM2001 – DTM2008 DTM Surfer / Sealer
- OEM Topcoats
- Previously painted surfaces properly prepared

12. TOPCOATS

- AC200MS Clear Coat
- AC4400 Clear Coat
- Z9000 Clear Coat
- AD4200 Clear Coat

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, for Automobile Refinish Coatings. 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 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.



13. PERSONAL PROTECTION

- Read label, directions, and SDS before use and refer to SDS for specific information
- Wear NIOSH approved organic vapor respirator when using this product.
- Wear NIOSH approved dust particulate mask when sanding, mixing, or applying this product.
- Keep product, paint, and overspray off the skin. Wear goggles, coveralls, and chemical protective gloves when using this product.
- Visit www.PaintDocs.com for PDS and SDS documents.



14. Physical Data

- Confirm compliance with national, state, and local air quality rules before use.

Regulatory Data:		
1:1		
LVB100 Series		
	lb./gal	g/L
Actual VOC	4.2 Max	509 Max
Regulatory VOC (less water and exempt solvents)	6.3 Max	760 Max
Density	8-10	960-1200
	WT.%	VOL.%
Total Solids Content	9-15	12-22
Total Volatile Content	85-91	78-88
Water	0.0	0.0
Exempt Compound Content	34-39	33-38
Coating Category	Two Stage Topcoat	

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