



DESCRIPTION

The Zenith 999 Series or “Z” Base is a high performance basecoat system featuring outstanding coverage, rapid dry time, excellent metallic control, and optimum repairability.



COMPONENTS

- Z – Base High Performance Base Color
- 171 Fast Reducer
- 172 Medium Reducer
- 173 Slow Reducer
- 174 Very Slow Reducer
- HPC2 Universal Fast Activator



MIXING RATIO

Mix two parts Base Color with one part 171, 172, 173, or 174 Reducer (2:1 by volume). Optional: Add 1 oz. of HPC2 per sprayable quart for enhanced performance.



POT LIFE @ 77°F (25°C)

When properly covered at 77°F, Z-Base will maintain a sprayable viscosity indefinitely.
With HPC2 2 Hours



CLEAN UP

Valspar Refinish 100 Thinner or X01 (Check your local regulations).



SURFACE PREPARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures.
- All surfaces should be finish sanded with 400/P800 grit wet or dry sandpaper or equivalent.



SUBSTRATES

- Properly prepared previously painted surfaces
- Z –777 Adhesion Promoter
- ColorFil 92 Series
- “Supa” Series Primers (96N, 97N, 21N)
- VP Series Epoxy Primer
- Properly prepared OEM Finishes
- Zenith Series Primers and Sealers
- Any CPS Color



APPLICATION

- Spray 2-3 medium-wet coats with an overlap of 50% until hiding and color match are achieved.
- Allow each coat 5-10 minutes flash or until finish is dull.
- Dry mils 2.0 to 3.0mils. Wet mils 4.0 to 6.5 mils.
- Surface temperature should be 50-100°F with less than 80% ambient humidity preferred.





FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	5-10 min.
To Tape	10-15 min
To Clearcoat	30 min.

NOTE: If basecoat is allowed to dry more than 48 hours before clearcoating, scuff and respray basecoat.



GUN SETUPS

CONVENTIONAL

Gravity Feed	1.3 mm - 1.5 mm
Siphon Feed	1.6 mm - 1.8 mm

HVLP

Anest Iwata LPH 400	1.2 mm - 1.4 mm tip
Binks MG1	1.3 mm - 1.5 mm tip
C.A. Technology	1.3 mm - 1.5 mm tip
Devilbiss GTI	1.4 mm - 1.6 mm tip
Geo 92 & 97	1.3 mm - 1.5 mm tip
Sagola 450G	1.4 mm - 1.6 mm tip
Sata NR 95 & 2000	1.3 mm - 1.5 mm tip



AIR PRESSURES

Conventional @ Gun

	PANEL	OVERALL
Gravity Feed	25 - 35 psi	35 - 40 psi
Siphon Feed	30 - 40 psi	45 - 50 psi

HVLP @ Cap	6 - 8 psi	8 - 10 psi
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PHYSICAL DATA (2:1) Base Color

Density	7.88 lbs/gal (Average)
Solids	
By Volume	19.90% (Average)
By Weight	26.94% (Average)
VOC (Volatile Organic Content)	5.69 lbs/gal (Average)
Flash Point	-4° F
Viscosity	20" Zahn #2
Theoretical Coverage	319 F ² /gal @ 1 mil thickness (Average)



SAFETY

Before using any Valspar Refinish product, be sure to read all MSDS and application instructions and warnings. Always wear a properly fitted air purifying respirator with organic vapor cartridges and particulate filter or a fresh air respirator (depending on product selection), eye protection, gloves and protective clothing during application and until vapors are exhausted. This product is intended for use by a professionally trained painter. **Keep out of the reach of children.**

IMPORTANT: The data on this sheet represent typical values obtained by the methods indicated. 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. Unless Valspar agrees otherwise in writing, Valspar's only obligation for any defect in this product under any warranty that Valspar provides or under any other legal theory will be to replace the defective product, or to refund its purchase price, at Valspar's option.

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