



GENERAL INFORMATION

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



1. COMPONENTS

- 999 Series High Performance Base Color
- 171 Fast Uni-Solvent - up to 75°F (24°C)
- 172 Medium Uni-Solvent - 75-85°F (24-29°C)
- 173 Slow Uni-Solvent - 85-95°F (29-35°C)
- 174 Very Slow Uni-Solvent - 95°F (35°C) and above
- HPC2 Universal Fast Activator



2. MIXING RATIO

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



3. POT LIFE @ 77°F (25°C)

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



4. CLEAN UP

Valspar Refinish 100 Thinner or X01 Uni-Solvent (check local regulations).



5. 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.



6. SUBSTRATES

- Properly prepared previously painted surfaces
- Z777 Adhesion Promoter
- 92B060
- 96N Primer
- VP50, CPSVP, or CPSVPLV Series Epoxy Primers
- Properly prepared OEM Finishes
- Valspar Polyurethane Surfacer/Sealers



7. 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.



8. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	5-10 Minutes
To Tape	10-15 Minutes
To Clearcoat	30 Minutes



8. FLASH / DRY TIMES (Continued)

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



9. GUN SET UP

CONVENTIONAL GUN

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

Gravity Feed

Siphon Feed

HVLP @ Cap

PANEL

25-35 psi

30-40 psi

6-8 psi

OVERALL

35-40 psi

45-50 psi

8-10 psi



10. PHYSICAL DATA (2:1) Base Color

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