



## GENERAL INFORMATION

The 999 Series is a high performance basecoat system featuring outstanding coverage, rapid dry time, excellent metallic control, and optimum reparability.



## 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
- 171HP High Performance Reducer Fast
- 172HP High Performance Reducer Medium
- 173HP High Performance Reducer Slow
- 174HP High Performance Reducer Very Slow



## 2. MIXING RATIO

Mix two parts Base Color to one part solvents or reducers listed above (2:1 by volume).

Optional: Add max 1% of HPC2 per spray able quart for enhanced performance. We only recommend hardener in basecoat for under bonnets were the basecoat will not over coated.



## 3. POT LIFE @ 77°F (25°C)

When properly covered at 77°F/25°C, 999 Series Base will maintain a sprayable viscosity indefinitely. With HPC2: 2 Hours



## 4. CLEAN UP

Valspar Refinish Uni-Solvent 171-174 or X01 Uni-Solvent LV (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 600/P800 grit wet or dry sandpaper or equivalent.



## 6. SUBSTRATES

- Properly prepared previously painted surfaces
- Valspar 2K primers and sealers

**NOTE:** Except SE88 1K Self Etching Primer



## 7. APPLICATION

- Spray 2-3 medium-wet coats with an overlap of 50% until hiding and color match are achieved.
- If necessary a final mist coat
- Allow each coat 5-10 minutes flash or until finish is dull.
- Dry mils 2.0 to 3.0 mils (20-75 µm). Wet mils 4.0 to 6.5 mils (100-165 µm)
- Surface temperature should be 50-100°F / 10-35°C with less than 80% ambient humidity preferred.
- Apply as final blending coat prior to clear coat.



## 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

**NOTE:** If basecoat is allowed to dry more than 24 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

- Fluid Tip 1.3 mm - 1.4 mm tip

### AIR PRESSURES

#### Conventional @ Gun

- Gravity Feed 25-35 psi (1.7-2.5 bar)
- Siphon Feed 30-40 psi (2.0-2.8 bar)

#### HVLP Inlet Air

- 20-30 psi (1.5-2.0 bar)
- See spray gun manufacturer info



## 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 / -20°C
Zahn #2 Viscosity (RTS)	20 Seconds
Din #4mm Viscosity (RTS)	16 Seconds
Theoretical Coverage	319 F <sup>2</sup> /gal @ 1 mil/25 µm thickness