



GENERAL INFORMATION

700 Series is a high quality Modified Alkyd Enamel with excellent coverage, gloss, and durability. It may be applied with or without hardener.



1. COMPONENTS

- 700 Series Color
- 700C000 Hardener
- 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



2. MIXING RATIO

Reduce 10-20% with 171 - 174 Uni-Solvent depending on temperature and size of the object being painted.

For best performance, activate 8 parts color to 1 part 700C000 prior to reducing.



3. POT LIFE @ 77°F (25°C)

Indefinite without 700C000 Hardener.
6 Hours with 700C000 Hardener.



4. CLEAN UP

Valspar Refinish 100 Thinner (check local regulations).



5. ADDITIVES

ACCELERATOR: N/A
FISHEYE: T152 Fisheye Eliminator 1 ounce per gallon.
FLEX ADDITIVE: N/A

NOTE: Do not spray when surface temperature is below 50°F (10°C).



6. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.



- Finish sand with 360 grit wet or dry sandpaper or equivalent.
- Mask all adjacent areas to prevent over spray problems.



7. SUBSTRATES

- 87N or CPSEN
- DTM2004 or CPSDTM
- Properly Prepared OEM Finish
- VP, CPSVP or CPSVPLV Series Epoxy Primers
- Valspar Polyurethane Primer/Sealers



8. APPLICATION

Spray two to three medium wet coats allowing 20 minutes between coats.



9. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	20 Minutes.
Tape Time without Hardener	Overnight
Tape Time with Hardener	Overnight
To Deliver	Next Day

FORCE DRY

Flash before Force Dry	20 Minutes
Force Dry Time	30 Minutes @ 130°F (54°C)
To Tape after Cool Down	1-2 Hours
To Topcoat after Cool Down	1-2 Hours



10. GUN SET UP

CONVENTIONAL GUN

Gravity Feed 1.6 mm - 1.8 mm

Siphon Feed 1.6 mm - 1.8 mm



HVLP

Gravity Feed 1.4 mm - 1.6 mm

AIR PRESSURES

Conventional @ Gun

Gravity Feed

Siphon Feed

HVLP @ Cap

PANEL

30-35 psi

30-45 psi

6-8 psi

OVERALL

35-40 psi

40-50 psi

8-10 psi



11. PHYSICAL DATA

VOC (Ready-to-Spray/Unreduced)	4.2 - 4.5 lbs./gal.
Volume Solids	34.0%-36.0% Average
Theoretical Coverage	530-584 sq. ft. per mil per gallon
Recommended DFT	1 - 3 mils.
Zahn #2 Viscosity (RTS)	20 - 22 Seconds