valspar
REFINISH

860 Series 2K Polyurethane Single Stage Topcoat

GENERAL INFORMATION

A 2K (two-component) polyurethane topcoat formulated to provide high quality performance, gloss and color retention and durability, as well as superior productivity. Provides medium build and high gloss when used with HPC activators.

1. COMPONENTS

• 860 Series	Mixed Color
• HPC0	Activator Slow
• HPC1	Activator Medium
• HPC2	Activator Fast
• HPC3	Activator Very Fast
• 171	Reducer Fast
• 172	Reducer Medium
• 173	Reducer Slow
• 174	Reducer Very Slow
• 171HP	Reducer High Performance Fast
• 172HP	Reducer High Performance Medium
• 173HP	Reducer High Performance Slow
• 174HP	Reducer High Performance Very Slow

2. MIXING RATIO (4:1:1)

• Mix four (4) parts 860 Series color to one (1) part HPC Series Activators and reduce with one (1) part 170 or 170HP Series Reducers

3. POT LIFE @ 77°F (25°C)

	HPC0	HPC1	HPC2	HPC3
Pot Life (Activated)	4 Hours	3 Hours	1 Hour	1 Hour

4. CLEAN UP

• Use Valspar Refinish Reducers listed above (check local regulations)

5. ADDITIVES

• N/A

6. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES

• Finish sand with P320-P500 grit dry sandpaper or equivalent
• Mask all adjacent areas to prevent over spray problems

7. TOPCOATS

• AC4400 Clear Coat

8. TECH NOTES

• N/A

9. SUBSTRATES

• Properly prepared previously painted surfaces
• Valspar 2K primers and sealer

NOTE: Do not apply over Self Etching Primers

10. APPLICATION

• Spray two (2) to three (3) medium wet coats or until hiding is achieved.
• Allow 10-20 minutes between coats

11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Time	10-20 Minutes
To Tape	Overnight

12. INFRARED CURE

• See Infrared Curing Information

13. GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.4 mm - 1.5 mm
Suction Feed	1.4 mm - 1.5 mm
HVLP	
Gravity Feed	1.3 mm - 1.5 mm

AIR PRESSURES

Conventional @ Gun	
Gravity Feed	30-35 psi (2.0-2.5 bar)
Siphon Feed	35-40 psi (2.5-3.0 bar)
HVLP Inlet Air	30 psi (2.0 bar)
See spray gun manufacturer info	

14. PHYSICAL DATA

FOR USA (5.0 LBS./GAL Compliance):

RTS REGULATORY DATA:	4:1:1 (170 or 170HP Series Reducers)	
	LBS./GAL	g/L
Actual VOC	5.0 Max.	600 Max.
Regulatory VOC (less water and exempt solvents)	5.0 Max.	600 Max.
Density	8 - 10	960 - 1200
	WT.%	VOL.%
Total Solids Content	45 - 55	35 - 45
Total Volatile Content	45 - 55	55 - 65
Water	0	0
Exempt Compound Content	0 - 5	0 - 5
Coating Category	Single-Stage	

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.

FOR REST-OF-WORLD (outside US and Canada):
SEE PAGE 2

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NOTES