

# 2.1 VOC Euro Clearcoat



## GENERAL INFORMATION

EC21 is a 2.1 VOC. 2:1 mix ratio polyurethane clearcoat formulated to offer refinishers ease of application, fast dry and polish times, and exceptional gloss. Available in 5 Liter package.



## 1. COMPONENTS

- EC21 2.1 VOC Euro Clearcoat
- H2170 Fast Activator for EC21
- H2180 Medium Activator for EC21
- H2190 Slow Activator for EC21



## 2. MIXING RATIO (2:1)

- Mix two (2) parts EH21 2.1 VOC Euro Clearcoat with one (1) part H2170, H2180 or H2190 Activator

### For USA/Canada VOC compliant rules:

- For 2.1 VOC compliance use components listed above



## 3. POT LIFE @ 77°F (25°C)

- Sprayable 60 minutes

**NOTE:** Pot life will vary with activator selection



## 4. CLEAN UP

- Use Valspar exempt reducers (check local regulations).



## 5. ADDITIVES

- N/A



## 6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM.

- Allow basecoats sufficient dry times.
- Over OEM finish P800 or using gray scuff pad.



## 7. TOPCOATS

- N/A



## 8. TECH NOTES

- N/A



## 9. SUBSTRATES

- Commercially available solvent based basecoats
- Properly prepared previously painted substrates
- Properly cleaned and sanded OEM finishes



## 10. APPLICATION

- Spray two (2) to three (3) coats
- Allow previous coat to become non stringing before applying the next coat
- Dry mils 2.0 to 3.0 mils (51-75 µm)
- Surface temperature should be 50-100°F / 10-38°C with less than 80% ambient humidity preferred

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



## 11. FLASH / DRY TIMES

**Air Dry (70°F/21°C)**

Flash between coats	Not Stringing
Dust Free	30 minutes depending on temperature
Sand and Buff	12-24 hours

**Force Dry (140°F/60°C)**

Flash between coats	Not Stringing
Flash before Force Dry	10 minutes
Force Dry Tim	35-40 minutes

**NOTE:** Dry times may vary due to temperature, airflow, humidity and film thickness



## 12. INFRARED CURE

- N/A



## 13. GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.3 mm - 1.4 mm
HVLP	
Gravity Feed	1.3 mm - 1.4 mm
Fluid Tip	1.3 mm - 1.4 mm tip

### AIR PRESSURES

Conventional @ Gun	
Gravity Feed	26-28 psi (1.8-1.9 bar)
Siphon Feed	35-50 psi (2.5-3.4 bar)
<b>HVLP Inlet Air</b>	<b>30 psi (2.0 bar)</b>
See spray gun manufacturer info	



## 14. PHYSICAL DATA

SEE PAGE 2

If used as instructed, this product is designed to comply with VOC standards in low-VOC jurisdictions. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. 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.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

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**14. PHYSICAL DATA (Continued)**  
FOR USA/Canada (2.1 LBS/GAL. Compliance)

RTS REGULATORY DATA:	2:1	
	LBS./GAL	g/L
Actual VOC	1.2 Max.	141 Max.
Regulatory VOC (less water and exempt solvents)	2.0 Max.	245 Max.
Density	9.06 - 9.45	1088 - 1135
	WT.%	VOL.%
Total Solids Content	41.12 - 42.85	40.51 - 40.55
Total Volatile Content	57.15 - 58.88	59.45 - 59.49
Water	0	0
Exempt Compound Content	44.42 - 46.68	43.49 - 43.54
Coating Category	Clearcoat	

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

**FOR REST-OF-WORLD (outside US and Canada):**

RTS REGULATORY DATA:	2:1	
	LBS./GAL	g/L
VOC	5.18 - 5.56	622 - 668
Density	9.06 - 9.45	1088 - 1135
	WT%	VOL%
Total Solids Content	41.18 - 42.92	40.51 - 50.55
Total Volatile Content	57.15 - 58.88	59.45 - 59.49
Water	0	0
Coating Category	Clearcoat	

**NOTES**

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