

COMPLIANT COATING SYSTEM

PREMIUM EUROPEAN CLEARCOAT

EC2100

VOC: RTS 2.1 lb/gl

Revision Date: 8-01-21



GENERAL INFORMATION

Premium European Clearcoat is a 2.1 VOC, two component clearcoat, offering refinishers an easy to apply clear with superior gloss.

2. MIXING RATIO

Mix four (2) parts EC2100 with one (1) part EH2408 (2:1).

3. POT LIFE @ 77°F (25°C)

2-2.5 hours, depending on activator selection.

4. CLEAN UP

Compliant Tinner or reducer (check local regulations).

5. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM.

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

6. SUBSTRATES

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

7. APPLICATION

Number of Coats: 2-3
Application Density: Medium-wet to wet
Overlap: 50%
Flash: Follow recommendations in 'Flash/Dry Times' section
Film Thickness Range:
Dry: 2 mil - 4 mils
Wet: 4 mil - 6 mils
Application Conditions:
Min. Temp: 50°F/10°C (Substrate Temp.)
Max. Temp: 100°F/38°C (Substrate Temp.)
Ambient Humidity: Less than 80% preferred
NOTE: Do not spray when surface temperature is below 50°F (10°C).

8. FLASH / DRY TIMES

Ambient Application (Reported at 77°F/25°C and 80% Humidity)

| | EC2100 |
|---------------------|------------|
| Flash between coats | 10-15 min. |
| Dust Free | 5-15 min. |
| Sand/Polish | 6-8 hours |

9. GUN SET UP

CONVENTIONAL

Gravity Feed: 1.3 mm - 1.4 mm
Siphon Feed: 1.4 mm - 1.6 mm

HVLP

Gravity Feed: 1.3 mm - 1.5 mm

AIR PRESSURES

Conventional @ Gun

Gravity Feed: 30-40 psi (2.0-2.8 bar)
Siphon Feed: 35-50 psi (2.5-3.4 bar)

HVLP Inlet Air

30 psi (2.0 bar)
See spray gun manufacturer info

10. PHYSICAL DATA

| RTS REGULATORY DATA | 2:1 | |
|---|--------------|-------------|
| | (No Reducer) | |
| | LBS./GAL | gm/L |
| Actual VOC | 1.0 Max. | 125.7 Max. |
| Regulatory VOC (less water & exempt solvents) | 2.1 Max. | 250 Max. |
| Density | 9 - 10 | 1080 - 1200 |
| | WT. % | VOL. % |
| Total Volatile Content | 60 - 70 | 60-07 |
| Water Content | 0 | 0 |
| Sprayable Viscosity | 16-19 sec | #2 Zahn |
| Coating Category | Clearcoat | |