

Restoration Shop

Quality Automotive Paint Products

TECHNICAL DATA SHEET PRODUCT INFORMATION

EC2100 — Premium European Clearcoat Ultra Flow 2.1 V.O.C.



COMPONENTS BY RESTORATION SHOP
EC2100 & EH2404



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This Premium European Clearcoat is a two-component clearcoat with a low 2.1 VOC, providing refinishers with an easy-to-apply clear that delivers superior gloss.

VOC: RTS 2.1 lb/gl

COMPONENTS:

- EH2404 — Premium European Urethane Hardener
- EC2100 — Premium European Clearcoat Ultra Flow 2.1 V.O.C.

MIXING RATIO: 2:1

Mix 2 parts EC2100 with 1 part EH2404

POT LIFE @ 77°F:

2–2½ Hours, depending on activator selection

CLEAN UP:

- RSP KT-025-GL — Compliant Cleaning Solvent
- RSP ACE-GL — Acetone

ACTIVATOR/HARDENER:

Restoration Shop — EH2404 Premium European Urethane Hardener

SUBSTRATES:

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

SURFACE PREPARATION:

Use recommended undercoat system following recommended procedures.

- Allow basecoats sufficient dry times
- Over OEM finish sand with P800 grit or using gray scuff pad

APPLICATION:

Number of Coats _ _ _ _ _ 2–3
Application Density _ _ _ _ _ Medium–Wet to Wet
Overlap _ _ _ _ _ 50%
Flash _ _ _ _ _ Follow recommendations in “Flash/Dry times”

Film Thickness Range

Dry _ _ _ _ _ 2 mil–4 mils (50–100um)
Wet _ _ _ _ _ 4 mil–6 mils (100–150um)

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)

FLASH/DRY TIMES:

Ambient application reported at 77°F / 25°C and 80% humidity
Flash between coats _ _ _ _ _ 10–15 Minutes
Dust Free _ _ _ _ _ 5–15 Minutes
Sand/Polish _ _ _ _ _ 6–8 Hours

GUN SETUPS:

Recommended Tip Size

Gravity Feed _ _ _ _ _ 1.3mm–1.4mm
Siphon Feed _ _ _ _ _ 1.4mm–1.6mm
HVLP
Gravity Feed _ _ _ _ _ 1.3mm–1.5mm

AIR PRESSURES:

Refer to gun manufacturers recommendations

PHYSICAL DATA:

Actual VOC _ _ _ _ _ Does Not Exceed 1.0lbs/gal (125.7g/l)
Regulatory VOC _ _ _ _ _ Does Not Exceed 2.1lbs/gal (250g/l)
Density _ _ _ _ _ 9–10 (1080–1200)
Total Volatile Content _ _ _ _ _ 60–70 WT.% (60–07 VOL.%)
Water Content _ _ _ _ _ 0 WT.% (0 VOL.%)
Sprayable Viscosity _ _ _ _ _ 16–19 sec | #2 Zahn
Coating Category _ _ _ _ _ Clearcoat

SAFETY: Before using any Restoration Shop product, be sure to read all MSDS and application instructions and warnings. Always wear a properly fitted air purifying respirator with organic vapor cartridges and particulate filter or a fresh air respirator (depending on product selection), eye protection, gloves and protective clothing during application and until vapors are exhausted. Do not permit anyone without protection in the painting area. This product is intended for use by a professionally trained painter. Keep out of the reach of children.

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