



PRODUCT HIGHLIGHTS

4980-01

True Finish Low VOC Euro Clearcoat

DESCRIPTION:

True Finish Low VOC Euro Clearcoat is an acrylic urethane clearcoat that is suitable for all automotive refinishing as well as trucks and equipment. It can be used with all solvent and water based basecoats.

PRODUCTS:

4980-01 True Finish Low VOC Euro, 1.325 Gallon (5 Liter), 2/case
5930-06 True Finish Low VOC Euro Hardener Spot & Panel, 0.66 Gallon (2.5 Liter), 2/case
5940-06 True Finish Low VOC Euro Hardener Overall, 0.66 Gallon (2.5 Liter), 2/case



SURFACE PREP:

Tack thoroughly before application.



MIX RATIO:

2:1
Pot Life: 3 hours @ 70°F (21°C) and 50% R.H.



REDUCER:

Optional: Up to 5% using 6700-F Series Zero VOC Urethane Grade Reducer or 6700 Series Urethane Grade Reducer appropriate to the shop conditions. Note: Using Urethane Grade reducer will increase VOC's.



HVLP/LVLP:

1.2 - 1.4 mm
2 - 3 medium wet coats



5 - 15 minute flash
1.2 mils per coat (dry film thickness)



Please refer to gun manufacturer for proper spray pressure recommendations.



DRY TO SAND TIMES:

@ 70°F (21°C), 50% R.H.:

HARDENER	FLASH TIME	DUST FREE	SAND	DELIVERY
5930-06	5 - 10 min	20 - 30 min	8 hrs	12 hrs MIN
5940-06	10 - 15 min	25 - 35 min	8 hrs	12 hrs MIN



SANDING:

DA (Dry): #1200-1500, finish #2000
Hand (Wet): #1200-1500, finish #2000

See next page for more detailed product application. See website for this document in other languages.
Vea la página siguiente para un uso más detallado del producto. Vea el Web site para este documento en español.
Voir la prochaine page pour une application plus détaillée de produit. Voir le site Web pour ce document en français.

PRODUCT DATA

4980-01

True Finish Low VOC Euro Clearcoat

SUITABLE SUBSTRATES:

Automotive refinish basecoats (water and solvent based); automotive refinish single stage (except acrylic lacquer); existing finishes that have been sanded and cleaned.

SURFACE PREPARATION:

Tack thoroughly before application.

MIXING & APPLICATION:

Mix 2 parts clearcoat (4980-01) to 1 part hardener (5930-06/5940-06) by volume. Reduction is optional up to 5% by volume using the 6700 Series Urethane Grade Reducer or 6700-F Series Zero VOC Urethane Grade Reducer suitable for the shop temperature. (Note: Urethane Grade Reducers will increase sprayable VOC content and Zero VOC Urethane Grade Reducers will not increase VOC.) For optimum appearance, activate clearcoat immediately before applying. **Clearcoat should not be applied over acrylic lacquers, or unsanded existing finishes.**



Recommended spraying viscosity is 14-16.5” seconds using a Zahn #2 cup (@77°F (25°C)). Follow base/top coat manufacturer’s instructions regarding flash and dry times prior to application of clearcoat.

Apply 2 - 3 flowing coats (2.2 - 3.6 mils @ 1.2 mils per coat) using the spray gun setting listed below. Flash for 5 – 15 minutes depending on activator used (refer to dry to sand chart on page one). Keep spray gun nozzle 6 - 10 inches from the vehicle to avoid entrapment of air in paint film. Always keep containers tightly closed to prevent moisture contamination. Clean equipment thoroughly after use.

SPRAY GUN SET UP:

GUN TYPE	FLUID TIP	AIR PRESSURE	FLUID PRESSURE
Siphon Feed	1.2 - 1.6 mm	35 - 50 PSI (at gun)	n/a
Gravity Feed	1.2 - 1.6 mm	25 - 35 PSI (at gun)	n/a
Pressure Feed	1.0 - 1.2 mm	40 - 50 PSI (at gun)	8 - 10 PSI
HVLP/LVLP	1.2 - 1.4 mm	10 PSI max. (at aircap)	n/a

TECHNICAL DATA:

- APPEARANCE: Clear Liquid
- % SOLIDS (RTU): Weight: 30%
- SHELF LIFE: One Year (unopened)
- REDUCTION: (Optional) Up to 5% using 6700 Series Urethane Grade Reducer or 6700-F Series Zero VOC Reducer
Note: Reduction with Urethane Grade Reducer increases the V.O.C. of the product mixture, reduction with Zero VOC Reducer does not increase V.O.C.
- MIX RATIO: 2:1
- POT LIFE: 3 hours at 70°F (21°C) and 50% R.H.
- COVERAGE: 456 ft²/gal @ 1 mil.

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REGULATORY:

Category: Clearcoat 4980-01	Individual Component
VOC Actual	0.8#/gal (95 g/l)
VOC Regulatory (less water, less exempt compounds)	1.9#/gal (223 g/l)
Weight % of Volatiles	64.62
Weight % of Water	0
Weight % of Exempt Compounds	55.40
Volume % of Exempt Compounds	57.27
Density of Material	8.63

	With 5930-06	With 5940-06
Ready to Use (less water, less exempt compounds)	2.1#/gal (248 g/l)	2.1#/gal (248 g/l)

Category: Clearcoat 5930-06	Individual Component
VOC Actual	0.9#/gal (105 g/l)
VOC Regulatory (less water, less exempt compounds)	2.6#/gal (311 g/l)
Weight % of Volatiles	79.73
Weight % of Water	0
Weight % of Exempt Compounds	71.30
Volume % of Exempt Compounds	66.38
Density of Material	10.37

Category: Clearcoat 5940-06	Individual Component
VOC Actual	0.9#/gal (109 g/l)
VOC Regulatory (less water, less exempt compounds)	2.6#/gal (309 g/l)
Weight % of Volatiles	78.91
Weight % of Water	0
Weight % of Exempt Compounds	70.08
Volume % of Exempt Compounds	64.75
Density of Material	10.29

TECHNICAL TIPS:

CRITICAL RECOAT:

Do not flash for more than 1 hour between coats. If more than 1 hour @ 70°F (21°C) is reached, wait at least 6 hours before applying more clear or basecoat. After 24 hours, lightly scuff the clearcoat before applying additional material.

FORCE DRYING:

Allow clear to flash 15 minutes @ 70°F (21°C), then bake for 40 minutes at 140°F (60°C). Allow a 1-2 hour cool down prior to doing any further work.

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TECHNICAL TIPS (CONT.):

POLISHING:

For dirt removal, lightly nib sand with 1500 grit wet sandpaper and compound with Cutting Compound 5361/5364. Finish with Machine Polish 5374. For dark colors, use Swirl Remover 5384. It is best to compound within 24 hours of application blending.

PERFORMANCE ADDITIVES:

6417 Kicker – Can be used at a rate of 1/4 - 1/2 oz per sprayable quart.

6487 Appearance Improver – Can be used at a rate of 1 - 2 oz per sprayable quart.

6737 Fisheye Remover – Can be used at a rate of 1/2 oz per sprayable quart.

9194 Universal Urethane Flex Additive – Recommended when used on soft flexible substrates such as bumper & trim applications. May be used, refer to TDS for mixing recommendations.

ADVANTAGES:

- 2.1 VOC - Compliant across North America
- 5 Liter can produces 33% more material than standard U.S. gallon.
- Easy to buff
- Good D.O.I.

COMPETITION:

Starlite 7021

Upol S2084A

5 Star EuroStar KlearKote 6115

Matrix MSV-23

Rubberseal RS-6300, RS-6400