

PRODUCT HIGHLIGHTS

6841, 6844

Kwik Gloss Clearcoat

DESCRIPTION:

Finish-Tec® Kwik Gloss Clearcoat is an acrylic urethane clearcoat that meets all current and proposed VOC regulations. It can be used with all solvent and water based basecoats. It is suitable for all automotive refinishing as well as trucks and equipment.

PRODUCTS:

- 6841 Kwik Gloss Clearcoat, Gallon (3.78 L), 2/case
- 6844 Kwik Gloss Clearcoat, Quart (0.946 L), 6/case



SURFACE PREP:

Tack thoroughly before application.



MIX RATIO:

4:1
Pot Life: 4 - 6 hours @ 68°F -75°F (20°C – 24°C)



REDUCER:

Optional: Up to 15% using Transtar's Zero VOC Urethane Grade Reducer (TDS601) or Urethane Grade Reducer (TDS600) 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 mil per coat (dry film thickness)

Please refer to gun manufacturer for proper spray pressure recommendations.



DRY TO SAND TIMES:

DRYING SCHEDULE @ 77°F (25°C), 50% Relative Humidity:

ACTIVATOR	FLASH TIME	DUST FREE	SAND	DELIVERY
6854	5 min	10 min	4 - 5 hrs	6 - 8 hrs
6874/6877	5 - 10 min	5 - 10 min	6 - 8 hrs	12 hrs MIN
6894	5 - 15 min	10 -15 min	6 - 8 hrs	12 hrs MIN
6894HT	10 - 15 min	15 - 25 min	6 - 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

6841,6844

Kwik Gloss 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 4 parts clearcoat #6841 to 1 part activator #6800 Series (TDS508) by volume. (Use a measuring stick or mixing cup for accurate measuring.) Reduction is optional up to 10% by volume using the Transtar Urethane Grade Reducer (TDS600) or Zero VOC Urethane Grade Reducer (TDS601) 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 14-15 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	1.4 - 1.6 mm	35 - 45 PSI (at gun)	n/a
Gravity Feed	1.2 - 1.4 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: 40% Volume: 32%
SHELF LIFE:	One Year (unopened)
REDUCER:	Optional: Transtar Urethane Grade Reducer Series (TDS600 or TDS601) Note: Reduction with 6700 Series reducer increases the V.O.C. of the product mixture, reduction with 6700-F Series reducer does not increase V.O.C.
MIX RATIO:	4:1 (If reduction is desired, add up to 1/2 part Transtar Reducer)
POT LIFE:	4 - 6 hours @ 68°F -75°F (20°C - 24°C)
COVERAGE:	416 ft ² /gal @ 1 mil.

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REGULATORY:

Category: Clearcoat	Individual Component
VOC Actual	3.33#/gal (400 g/l)
VOC Regulatory (less water, less exempt compounds)	4.41#/gal (529 g/l)
Weight % of Volatiles	64.42
Weight % of Water	0
Weight % of Exempt Compounds	21
Volume % of Exempt Compounds	24.4
Density of Material	7.68

	With 6854	With 6874	With 6894	With 6894HT
Ready to Use (less water, less exempt compounds)	4.2 #/gal (507 g/l)	4.3 #/gal (509 g/l)	4.2 #/gal (506 g/l)	4.2 #/gal (507 g/l)

TECHNICAL TIPS:

CRITICAL RECOAT TIME:

Do not flash for more than one hour between coats. If more than one hour @ 70°F (21°C) is reached, wait at least 5 hours before applying more clear or basecoat.

FORCE DRYING:

Kwik Gloss Clearcoat may be force dried after a 5-10 minute flash, baking at 140°F (60°C) for 30 minutes.

POLISHING:

For dirt removal, lightly nib sand with 1500 grit wet sandpaper and compound with Cutting Compound (TDS404). Finish with Machine Polish (TDS405). For dark colors, use Swirl Remover (TDS406). It is best to compound within 24 hours of application blending.

PERFORMANCE ADDITIVES:

6417 Kicker (TDS700) – Can be used at a rate of 1/2 oz per sprayable quart.

6487 Appearance Improver (TDS701) – Can be used at a rate of 1 - 2 oz per sprayable quart.

6737 Fisheye Remover (TDS703) – Can be used at a rate of 1/2 oz per sprayable quart.

9194 Universal Urethane Flex Additive (TDS711) – Recommended when used on soft flexible substrates such as bumper & trim applications. May be used, refer to TDS for mixing recommendations.

COMPETITION:

DuPont Chroma Systems 7900S/V75S/72200S

Glasurit 923-255

PPG Deltron/Concept DCU2042/4021

RM Diamont DC92

Sherwin Williams CC637

Spies Hecker 8000

Standex 14920/11760

DeBeer 1-104

Evercoat/bodymagic ECI4.2

Valspar AC4400

U-Tech 4.0 Select

Rubberseal RS2100V

Nason 496-00

Montana CRV22

Matrix MS52

Martin Senour 8637

Lesonal 071333