

# PRODUCT HIGHLIGHTS

**LV-905**

## Low VOC Factory Pack Empress Black Basecoat

### DESCRIPTION:

Factory Pack Empress Black Basecoat, LV-905, is an intensely jet black basecoat designed to match the OEM appearance on many domestic and foreign vehicles.

### PRODUCTS:

LV-905 Low VOC Factory Pack Empress Black Basecoat, 1 Liter, 4/case



### SURFACE PREP:

Depending on surface, see surface preparation for sanding recommendations.

Clean with SCAT 6311, Speedi SCAT 6321 or Aqua SCAT 2 1391/1394.



### MIX RATIO:

1 part LV-905 to 1 part up to 1½ parts reducer

Pot Life: Unactivated - unlimited; Activated - 8 hours



### REDUCER:

Transtar's 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 - 10 minute flash

.75 - 1.5 Dry Film Thickness recommended



Please refer to gun manufacturer for proper spray pressure recommendations.



### DRY TIMES:

20 - 25 minutes before taping

10 - 15 minutes before applying clearcoat

25 - 30 minutes before nib sanding



### SANDING:

DA (Dry): #500-600, finish #1200 - 1500

Hand (Wet): #600-800, finish #1200 - 1500

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

**LV-905**

## Low VOC Factory Pack Empress Black Basecoat

### SUITABLE SUBSTRATES:

LV-905 can be applied to structurally sound surfaces that are sanded, degreased and properly prepared with Transtar primers.

### SURFACE PREPARATION:

Finish sand with 500 - 600 grit dry or 600 - 800 grit wet. Prepare blend areas using 1200 - 1500 grit wet or dry, or Scuff and Prep Paste 6338 with a gray scuff pad. Thoroughly degrease.



### MIXING:

Mix 1 parts LV-905 basecoat to 1½ part 6700-F Series Zero VOC Urethane Grade Reducer or 6700 Series Urethane Grade Reducer suitable to shop conditions and repair size. *Note: Adding reducer other than zero VOC reducer will increase V.O.C.*

For Lifetime Warranty, LV-905 basecoat must be activated. Add ¼ oz of any 6800 series, 7000 series or 9400 series clearcoat activator to 1 ready-to-spray quart of color.

*Note: Recoat time of activated basecoat is 2 hours @ 77°F (25°C).*

*Note: For under hood, matt cladding and interior colors, activate the basecoat as above.*

### SPRAY GUN SET UP:

GUN TYPE	FLUID TIP	AIR PRESSURE	FLUID PRESSURE
Conventional	1.2 - 1.4 mm	25 - 35 PSI max	n/a
HVLP	1.2 - 1.4 mm	10 PSI max @ aircap	n/a
LVLP	1.2 - 1.4 mm	8 PSI max @ aircap	n/a

### APPLICATION:

Apply 2 - 3 coats or until hiding is achieved. Allow a 5 - 10 minutes flash time between coats. (Flash times may vary due to shop temperature and reducer selection.)

### TECHNICAL DATA:

APPEARANCE:	Jet Black
% SOLIDS:	25.5% by weight
SHELF LIFE:	1 year unopened
REDUCERS:	Zero VOC Urethane Grade Reducer or Urethane Grade Reducer
MIX RATIO:	1:1½
POT LIFE:	Unactivated - unlimited; Activated - 8 hours

See website ([www.tat-co.com](http://www.tat-co.com)) for this document in other languages.

Vea el Web site ([www.tat-co.com](http://www.tat-co.com)) para este documento en español.

Voir le site Web ([www.tat-co.com](http://www.tat-co.com)) pour ce document en français.

TRANSTAR AUTOBODY TECHNOLOGIES • 2040 HEISERMAN DRIVE, BRIGHTON, MI 48114 • (800) 824-2843

FAX (800) 477-7923 • EMAIL: [info@tat-co.com](mailto:info@tat-co.com)

Rev 02/15

# LV-905

## Low VOC Factory Pack Empress Black Basecoat

### REGULATORY:

Category: Color Coating <b>LV-905</b>	Individual Component
VOC Actual	0.44#/gal (52 g/l)
VOC Regulatory (less water, less exempt compounds)	2.35#/gal (282 g/l)
Weight % of Water	0
Density of Material	1.08

### TECHNICAL TIPS:

#### PERFORMANCE ADDITIVES

6417 Kicker – Do not use.

6487 Appearance Improver – Do not use.

6737 Fisheye Remover – Do not use.

9194 Universal Urethane Flex Additive – Do not use.

### ADVANTAGES:

- 50 State Compliant formulation
- No need for mechanical agitation
- Improved color match
- Increased productivity
- Reduced cycle time