



# AU3-L92839 Delta High Solids Polyurethane (SEPTA White)

## PRODUCT DESCRIPTION

**AU3-L92839** is high solids, single stage, 3.5 VOC polyurethane finish designed to provide an extremely durable, high gloss topcoat for fleet refinishing. This product was specifically formulated for SEPTA (South East Pennsylvania Transit Authority). AU3-L92839 builds film quickly and requires fewer coats to achieve full hiding. AU3-L92839 is particularly suited for larger units, where multiple coats are not possible and fast air dry is not required.

Features	Advantages	Benefits
<ul style="list-style-type: none"><li>• Excellent hiding power</li></ul>	<ul style="list-style-type: none"><li>• Fewer coats</li></ul>	<ul style="list-style-type: none"><li>• Labor savings</li></ul>
<ul style="list-style-type: none"><li>• Excellent force dry characteristics</li></ul>	<ul style="list-style-type: none"><li>• Faster through-cure</li></ul>	<ul style="list-style-type: none"><li>• Quicker delivery</li></ul>
<ul style="list-style-type: none"><li>• Excellent film properties</li></ul>	<ul style="list-style-type: none"><li>• Withstands severe environments</li></ul>	<ul style="list-style-type: none"><li>• Longer repaint cycles</li></ul>

## Compatible Surfaces

AU3-L92839 may be applied over:	<ul style="list-style-type: none"><li>• ESU420/421</li></ul>	<ul style="list-style-type: none"><li>• OEM Enamels</li></ul>
	<ul style="list-style-type: none"><li>• DEP350/351</li></ul>	<ul style="list-style-type: none"><li>• Cured Air Dry Finishes</li></ul>

If sanding prior to the application of DHS, use 240 - 600 grit wet or dry.

## Hardeners

Urethane Hardener	DDH527
Accelerator	DX39

# APPLICATION GUIDE

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**Mixing Ratio:** 3 : 1 + 6 oz. For a ready to spray gallon, the mix ratio is 3 parts AU3-L92839 color to 1 part of DDH527 Hardener plus 6 ounces of DX39 Accelerator.

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**Pot life:** 2-3 hour @ 70°F and 50% RH  
(High heat and humidity will shorten pot life)

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**Additives:**

Extender:	No Recommendation
Fisheye:	No Recommendation
Flex:	No Recommendation
Flattener:	No Recommendation

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**Spray gun set-up:**

**Fluid Tip**

1.0 - 1.4 mm for Pressure Feed/HVLP  
1.3 - 1.7 mm for Conventional Feed/HVLP

**Air Pressure**

HVLP at air cap 10 PSI  
Conventional at spray gun 45-60 PSI

*Consult the Fleet Training Manual Spray Equipment Section for gun set-up requirements.*

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**Minimum number of coats:** 2 coats or until hiding is achieved

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<b>Total film build per Coat:</b>		<b>Wet</b>	<b>Dry</b>
	minimum		2.0 mils
maximum		2.5 mils	1.25 mils

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**Flash Time at 70°F:**

between coats	10-15 minutes
before force drying	10 minutes

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**Drying times:**

**Air Dry @ 70°F**

Dust 30-45 minutes  
Print 1 hour  
Tape 8-12 hours

**Force Dry\*\***

Flash 10 min.  
30 minutes @ 120°F  
10 minutes @ 180°F

*\*\* Force drying times are for quoted surface temperature. Additional time should be allowed in the force drying schedule to allow surface to reach recommended temperature.*

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**Recoat time:** 10 - 15 minutes minimum dry and up to 7 days maximum at 70°F before sanding is required.

**Repair time:**

8 hours @ 70°F Air Dry  
30 minutes after force dried/cool down period.

**Polish:**

24 hours @ 70°F

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**TEST PROPERTIES**

VOC Packaged	2.32 lbs. per U.S. gal.
VOC RTS Applied (Less Water, Less Exempts)	2.74 lbs. per U.S. gal.
VOC per Gallon of Solids (Less Exempts)	5.59 lbs. per U.S. gal.
Volume Solids (RTS)	49.00%
Square Foot Coverage (RTS US Gallon 100% Transfer Efficiency, at 1 mil DFT)	786 sq. ft. (Avg.)

\*Film properties are given where ultimate air cure is reached, usually 7 days.

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# AU3-L92839

## High Solids Polyurethane

# **INSTANT REFERENCE**

### INSTRUCTIONS FOR USE

#### How to Mix:



**Mix Ratio**

3: 1 + 6 oz., RTS gallon



**Pot life:**

2 - 3 hour at 70°F

#### Air Pressure:



**HVLP:**

10 PSI at the air cap



**Conventional:**

45-60 PSI at the gun

**Fluid tip:**

1.0 - 1.4 mm for Pressure Feed/HVLP  
1.3 - 1.7 mm for Conventional Feed/HVLP

#### Application:



**Apply:**

2 coats or until hiding is achieved



**Between coats:**

10-15 minutes

#### Dry Time:



**Air Dry @ 70°**

**Force Dry**

Dust 30-45 minutes Flash 10 minutes

Print 1 hour

30 minutes @ 120°F

Tape 8-12 hours

10 minutes @ 180°F

**See Material Safety Data Sheet and Labels for additional safety information and handling instructions.**

**EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (304) 843-1300. IN CANADA (514) 645-1320.**

PPG Industries, Inc. 19699 Progress Drive, Strongsville, Ohio, 44149

PPG Canada Inc. 2301 Royal Windsor Drive, Mississauga, Ontario L5J 1K5

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