



# DURAFIL

AUTO TECHNOLOGIES INC.

Part No.: PU-8000  
Low VOC Compliant

PDS Form:  
PU8000/LVCAUS/0417\_V02.1

## COLOUR-FIL PU-8000

### POLYURETHANE PAINT



**COLOUR-FIL PU-8000** Polyurethane Paint is a premium quality, single stage, two component, Low VOC topcoat system. **PU-8000** has been formulated with premium ingredients to provide you with the ultimate in performance. This easy to use topcoat system offers exceptional application properties, coverage, film build and leaves behind a long-lasting, durable, high gloss, finish everytime! **PU-8000** can be used over all properly prepared OEM finishes and fully cured finishes. From spot panel repairs to overall refinishing, or as a fleet finish **PU-8000** will provide you with the finish you expect from a polyurethane system. It covers quickly, which means you use less material. **PU-8000** will increase productivity in your facility while reducing your labour and topcoat costs ... making it a very economical system. You have a choice of three Hardeners from fast to slow dry **H-8001**, **H-8002**, **H-8003**, and three Reducers **R-121**, **R-122**, **R-123** to meet your speed of dry requirements. Select the appropriate hardener and reducer to extract the optimum performance from the **PU-8000** Low VOC Polyurethane system.

**Mix Ratio:** 4 : 1 : 10%

**Required Catalyst:**  
H-8001/H-8002/H-8003  
COLOUR-FIL HARDENER

**Reducer, Optional:**  
R-121/R-122/R-123



Refer to Product Data Sheet (PDS) PU-8000 for more information

Part No.	Description	Size	Units/Case
PU-8000	COLOUR-FIL Polyurethane Paint	3.78 L/1 US Gallon	4
H-8001	COLOUR-FIL Fast Hardener	946 mls/1 US Quart	8
H-8002	COLOUR-FIL Medium Hardener	946 mls/1 US Quart	8
H-8003	COLOUR-FIL Slow Hardener	946 mls/1 US Quart	8
R-121	FAST-FIL Fast Reducer	3.78 L/1 US Gallon	2
R-121.5	FAST-FIL Fast Reducer	18.9 L/5 US Gallons	Ea.
R-122	MEDIUM-FIL Medium Reducer	3.78 L/1 US Gallon	2
R-122.5	MEDIUM-FIL Medium Reducer	18.9 L/5 US Gallons	Ea.
R-123	SLOW-FIL Slow Reducer	3.78 L/1 US Gallon	2
R-123.5	SLOW-FIL Slow Reducer	18.9 L/1 US Gallon	Ea.

### FEATURES

- Rich, High Gloss Finish
- Low V.O.C.
- Excellent Flow Out
- Excellent Coverage
- Excellent Hiding
- Excellent Flexibility
- Excellent Durability
- Excellent Chemical Resistance

# COLOUR-FIL PU-8000

## POLYURETHANE PAINT

**COLOUR-FIL PU-8000** is a premium quality, Low VOC two component polyurethane topcoat system which will provide you with the ultimate in performance. **PU-8000** is for your day-to-day repairs, from spot panel repairs to overall refinishing, or as a fleet finish, air dry or force dry. This easy to use single stage system offers exceptional application properties, coverage, film build and leaves behind a durable, long-lasting, high gloss finish everytime! **PU-8000** can be applied over properly prepared OEM finishes and fully cured finishes. **PU-800** gets the job done fast as a result of its' excellent hiding properties. **PU-8000** covers quickly, which means you use less material. This system will increase productivity in your facility while reducing your labour and topcoat costs ... making it a very economical system to use.

**PACKAGING:**                      **3.78 L / 1 US GALLON PER CAN     4 CANS PER CASE**  
    **18.9 L / 5 US GALLONS PER PAIL**

<b>MATERIALS:</b>	<b>POLYURETHANE PAINT</b>	<b>PU-8000</b> COLOUR-FIL POLYURETHANE PAINT
	<b>HARDENER</b>	<b>H-8001</b> COLOUR-FIL FAST HARDENER or <b>H-8002</b> COLOUR-FIL MEDIUM HARDENER or <b>H-8003</b> COLOUR-FIL SLOW HARDENER
	<b>REDUCER</b>	<b>R-121</b> FAST-FIL FAST REDUCER or <b>R-122</b> MEDIUM-FIL MEDIUM REDUCER or <b>R-123</b> SLOW-FIL SLOW REDUCER

### SURFACE PREPARATION:



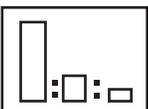
Prepare a clean surface free of dirt, oil, wax, rust, and other contaminants. Properly prepare and clean all surfaces to be refinished consistent with good painting practices. It is recommended to dry sand the surface area with 400 grit sandpaper or finer, or wet sand with 800 grit sandpaper or finer.

### PROTECTION:



Use only in a well ventilated area. Always wear the appropriate safety equipment. Consult with safety equipment supplier to ensure the proper safety equipment and protective clothing are being used.

### MIX RATIO:



4 : 1 : 10%

**4 Parts by Volume**     **PU-8000 COLOUR-FIL** Polyurethane Paint  
**1 Part by Volume**     **H-8001/H-8002/H-8003 COLOUR-FIL** Hardener  
**10% by Volume**        **R-121/R-122/R-123** Reducer

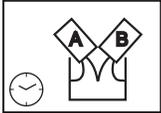


Stir mixture thoroughly and strain.  
 Let mixture stand for 5 minutes before using.



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### POT LIFE:



2 ½ - 3 Hours @ 21° C / 70° F

### SPRAY PRESSURE:



**HVLP Spray Gun:** 1.3 - 1.5 mm nozzle, 8 - 10 psi at ai cap (maximum)

**Compliant Gravity Gun:** 1.3 - 1.5 mm nozzle, 25 - 30 psi at the gun

*\* For best results, refer to spray gun manufacturer's recommendations for inlet air pressures*

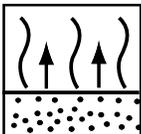
### APPLICATION:



Using 25 - 30 psi at the gun, apply 2 - 3 wet coats of the mixture. Allow a 10 - 15 minute flash period between coats at 21°C/70°F.

*\* The flash time between coats will vary depending on the amount of material applied, temperature, and air flow.*

### FLASH TIME:



Allow a 10 - 15 minute @ 21°C / 70°F flash time between coats.

Note: Do NOT apply **PU-8000** paint over fresh or uncured coatings. Refinish surface must be completely cured prior to applying **PU-8000**.

### DRY TIME:



**Air Dry at 21°C / 70°F:** Dust Free 20 - 25 Minutes \* will vary per colour  
Dry 2 - 3 Hours

*\* Dust Free and Dry times will vary according to amount of material applied, temperature, and air flow*

Dry to Polish 12 Hours/Overnight

Before baking allow a 10 - 15 minute flash period at 21°C / 70°F after application of final coat. Bake for 30 - 45 minutes at 60°C / 140°F. Baking time will depend on amount of material applied. Let cool for 15 - 20 minutes before handling.

**Force Dry at 60°C/140°F:** Dry 20 - 30 Minutes  
Dry to Polish 1 - 1 ½ Hours after cooling



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## TECHNICAL INFORMATION:

<b>Appearance:</b>	Coloured Liquid
<b>Weight Per Gallon:</b>	3.56 kg - 4.49 kg / 7.84 lbs - 9.90 lbs Average
<b>Specific Gravity:</b>	0.941 - 1.187
<b>% Solids By Weight:</b>	35 - 61
<b>Coats To Apply:</b>	2 - 3
<b>Recommended Dry Film:</b>	3 - 4 mils
<b>Dust Free Time:</b>	20 - 25 Minutes @ 21° C / 70° F * will vary per colour
<b>Pot Life:</b>	2 ½ - 3 Hours @ 21° C / 70° F
<b>Mix Ratio:</b>	4 : 1: 10%
<b>Required Catalyst:</b>	COLOUR-FIL H-8001/H-8002/H-8003 Hardener
<b>Required Reducer:</b>	R-121/R-122/ or R-123 Reducer
<b>Salt Spray:</b>	250 Hours per ASTM B117

## SAFETY & HANDLING:

**Important: For Industrial Use Only** by trained professionals using proper safety equipment. Prior to using be sure to read and understand the warnings of this product and all products it may require, since the mixture will have the hazards of all its components. Observe all precautions for all components. Use only with adequate ventilation and wear the appropriate safety equipment. Refer to Material Safety Data Sheet (MSDS) for more and current information regarding this product and handling instructions.

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