

## JP37x Series Epoxy Primers

### Background

SHOP-LINE® JP37x Series Epoxy Primers are two-component, non-chrome coatings designed to provide superior corrosion protection and adhesion when applied over properly cleaned and sanded bare metal, fiberglass and painted surfaces. JP37x Series epoxies are available in gray, white or black.

### Components

#### Sealer

JP371 Epoxy Primer - White  
JP375 Epoxy Primer Gray  
JP377 Epoxy Primer - Black

#### Hardener

JH3770 Epoxy Primer Hardener

#### Thinner

JT510 Acetone

### Compatible Products

#### Can be applied over:

Properly cleaned, sanded, bare or primed steel, galvanized and aluminum.  
Sanded and cleaned body filler, SMC and gel-coated fiberglass.  
Properly cleaned and sanded E-Coat  
Cleaned, cured and sanded OEM and refinish coatings.  
JP301 Plastic Adhesion Promoter  
JP209 Gray Polyester Primer / Filler  
JP233 1K Acrylic Primer  
JP202 2K Primer Surfacer  
JP285 2K Urethane Surfacer

#### Can be topcoated with:

JP209 Gray Polyester Primer / Filler  
JP233 1K Acrylic Primer  
JP202 2K Primer Surfacer  
JP285 2K Urethane Surfacer  
JP315 1K Acrylic Sealer  
JP33x 2K Urethane Sealers  
JBP *Shop-Line* Plus Acrylic Urethane Basecoat  
JB Acrylic Basecoat  
JAU Acrylic Urethane Direct Gloss  
JE Acrylic Enamel  
JE Acrylic Enamel / Activated

**Should not be applied over JP215 Etch Prime**

### Preparation

#### Surface Cleaning:

JX101 Wax and Grease Remover  
JX992 Plastic Cleaner  
SXA330 Wax and Grease Remover  
SWX350 (H<sub>2</sub>O-SO-CLEAN™)

#### Sanding

120 - 180 grit on bare metal, before JP37x Epoxy Primer  
220 - 320 grit on old finishes, body filler

### Mixing



#### Ratios:

<b>JP37x Series</b>	:	<b>JH3770</b>	:	<b>JT510*</b>
<b>2</b>	:	<b>1</b>	:	<b>up to ½ part</b>

\*Optional

#### Note:

Allow a 15 minute induction period before applying



#### Pot Life:

8 hours at 70°F (21°C)



#### Additives:

None

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## Air Pressure and Gun Setup

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**HVLP:** 8 - 10 psi at the air cap  
**Compliant:** 29 - 40 psi at the gun  
**Gun Setup:** 1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

## Application

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**Coats:** 1 or 2 coats

## Dry Times

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**Between Coats:** 1 coat 15 minutes at 70°F (21°C)  
2 coats 30 minutes at 70°F (21°C)



**Dry Times:** 1 coat 15 minutes at 70°F (21°C)  
2 coats 30 minutes at 70°F (21°C)

JP37x Series Epoxy Primers **must** be scuffed and reapplied if allowed to sit more than 3 days (72 hours)

## Clean Up

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Clean spray guns, gun cups, storage pots, etc., thoroughly with JR Reducer, JT501 General Purpose Solvent or another appropriate clean up solvent after each use.

Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

## Properties

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### VOC

Applied (2:1)	JP371	4.53 lbs./ gal (551 g/L)
	JP375	4.54 lbs./ gal (539 g/L)
	JP377	4.54 lbs./ gal (539 g/L)

Solids by weight	56.4%
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Applied (2:1) + up to 0.5 part acetone	4.53 - 4.54 lbs./ gal (543 - 544 g/L)
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### Film build per coat

Applied (2:1)	0.9 - 1.1 mils
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### Square foot coverage at 1.0 mils

Applied (2:1)	577 sq. ft. per US gallon at 100% transfer
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**Limitations**

*Shop-Line* products should not be combined with components of other product lines.

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**Precautionary Information:**

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all of its parts. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. Follow label directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

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**Medical Response:**

**EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514)-645-1320**

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

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Shop-Line* brand distributor. To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries is constantly improving its coating and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your *Shop-Line* brand distributor or visit [www.ppgrefinish.com](http://www.ppgrefinish.com) for the most up-to-date information.

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