

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.
JP211 Gray Polyester Primer / Filler
JP233 1K Acrylic Primer
JP202 2K Primer Surfacer
OneChoice® Plastic Adhesion Promoter

Can be topcoated with:

JP211 Gray Polyester Primer / Filler
JP233 1K Acrylic Primer
JP202 2K Primer 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 Etch Primers

Preparation

Surface Cleaning:

JX101 Wax and Grease Remover
JX992 Plastic Cleaner
SXA330 Wax and Grease Remover
SWX350 (H₂O-SO-CLEAN®)

Sanding

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

Mixing



Ratios:

JP37x Series	:	JH3770	:	JT510*
2	:	1	:	up to ½ part

*Optional

Note:

Allow a 15 minute induction period before applying



Pot Life:

8 hours at 70°F (21°C)



Additives:

None

Air Pressure and Gun Setup



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



Coats: 1 or 2 coats

Dry Times



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



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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

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

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%

Applied (2:1) + up to 0.5 part acetone 4.53 - 4.54 lbs./ gal (543 - 544 g/L)

Film build per coat

Applied (2:1) 0.9 - 1.1 mils

Square foot coverage at 1.0 mils

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



Limitations

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

Precautionary Information:

The contents of this package may have to be blended with other components before the product can be use. 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.

Medical Response:

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

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

Safety Data 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 for the most up-to-date information.