

## JP209 Gray Polyester Primer / Filler

### Background

SHOP-LINE® JP209 Gray Polyester Primer / Filler is a fast drying, two component, high build primer / filler which may be used in areas where VOC compliance is required.

### Components

#### Primer

JP209 Gray Polyester Primer / Filler

#### Hardener

MEKP Polyester Primer Hardener

### Compatible Products

#### Can be applied over:

Cleaned, sanded and primed steel, galvanized and aluminum.  
Sanded and cleaned body filler and bare fiberglass.  
Properly cleaned and sanded E-Coat  
Cleaned, cured and sanded OEM refinish coatings.  
JP37x Epoxy Primers  
JP390 2.1 VOC Epoxy Primer

Do not apply over etch primer.  
Must be over primed or sealed prior to topcoat

#### Can be topcoated with

JP202 2K Primer Surfacer  
JP233 1K Acrylic Primer  
JP285 2K Urethane Surfacer  
JP37x Epoxy Primers  
JP315 1K Acrylic Sealer  
JP33x 2K Urethane Sealer  
JP390 2.1 VOC Epoxy Primer  
JP221 2.1 VOC 1K Primer Surfacer  
JP35x 2.1 VOC Multi-Purpose Primers  
JP36x 2.1 VOC Urethane Sealers

### Preparation

#### Surface Cleaning:

JX101 Wax and Grease Remover  
JX992 Plastic Cleaner  
SXA330 Wax and Grease Remover  
SWX350 (H<sub>2</sub>O-SO-CLEAN™)  
SX1009 2.9 VOC Bug and Tar Remover

#### Sanding

120 - 180 grit on bare metal  
180 - 240 grit on old finishes and body filler

### Mixing

Add 0.5 oz. of MEKP primer hardener per quart of JP209 Gray Polyester Primer / Filler or 2 oz. MEKP per gallon



**Pot Life:** 45 - 60 minutes at 70°F (21°C)

### 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:

Apply 1 to 2 medium wet coats allowing 5 minutes between coats. If an additional coat is required, allow 15 minutes before applying. Do not apply more than three coats.

## Dry Times



### Between Coats

Between first and second coat: 5 minutes.  
Between second and third coat: 15 minutes.



### Air Dry:

1.5 hours at 70°F (21°C) to sand, prime and top coat.  
For optimum results, dry sand using 320 to 400 grit paper.



### Force Dry:

Flash off for 10 - 15 minutes then force cure 15 - 20 minutes at 140°F (60°C) metal temperature.



### Topcoat:

#### Air Dry

1.5 hours at 70°F (21°C) to sand, prime and top coat.

#### Force Dry

Cool before sanding, priming and topcoat coating.

## Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR reducers, JT501 General Purpose Solvent or JT571 0.21 VOC General Purpose Solvent or other appropriate clean up solvents after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

## Mix By Weight

JP209 at ½ oz. per quart				
Volume	4 oz. / ¼ pint Parts (Grams)	8 oz. / ½ pint Parts (Grams)	16 oz. / 1 quart Parts (Grams)	32 oz. / 1 quart Parts (Grams)
JP209	193.0 (171)	386.0 (343)	773.0 (685)	1545.0 (1370)
MEKP	2.3 (2.0)	4.5 (4.0)	9.0 (8.0)	18.0 (16.0)
<b>Note:</b> Additional volumes may be found on PAINTMANAGER®				

RTS Combinations:	JP209 + MEKP
Volume Ratio:	2 oz. per 128 oz. / 0.5 oz. per 32 oz.
Applicable Use Category	Primer
VOC Actual (g/L)	77
VOC Actual (lbs/gal)	0.64
VOC Regulatory (less water less exempt) (g/L)	118
VOC Regulatory (less water less exempt) (lbs/gal)	0.98
Density (g/L)	1466
Density (lbs/gal)	12.23
Volatiles wt. %	34.6
Water wt. %	0.0
Exempt wt. %	29.3
Water vol. %	0.0
Exempt vol. %	34.6
Solids vol. %	56.8
Solids wt. %	65.4

As supplied and as applied VOC data based on Method 24 testing of ready to spray product, styrene component acts as a reactive diluent, a portion crosslinks into resin backbone.

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## Properties

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<b>Dry film build per coat</b>	Approximately 2.0 - 3.0 mils dry film per coat
<b>Square ft. coverage at 1 mil</b>	Applied 911 Sq. ft. gal. 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 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.

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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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