

### JP202 2K High Build Primer Surfacer

#### Background

SHOP-LINE® JP202 is a fast drying, gray, two component, high build primer surfacer designed for today's automotive collision centers. JH301 Undercoat Hardener should be used in cool to normal temperatures; JH302 Undercoat hardener should be used in hot temperatures or when a longer pot life is needed.

#### Components

##### Primer

JP202 2K High Build Primer Surfacer

##### Hardener

JH301 2K Undercoat Hardener - Normal Temp  
JH302 2K Undercoat Hardener - High Temp

##### Reducer

JR505 Fast 55-65°F (13-18°C)  
JR506 Medium 65-75°F (18-24°C)  
JR507 Slow 75-85°F (24-29°C)  
JR508 Very Slow 85-95°F (29-35°C)

#### Compatible Products

##### Can be applied over:

Cleaned, sanded, and etch 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.  
JP37x Epoxy Primers  
JP211 Gray Polyester Primer / Filler  
OneChoice® Plastic Adhesion Promoter  
SX1071 Etch Primer

##### Can be topcoated with:

JP37x Epoxy Primers  
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

#### Compatible Products

##### Surface Cleaning:

JX101 Wax and Grease Remover  
JX992 Plastic Cleaner  
SWX350 H<sub>2</sub>O-SO-CLEAN®

##### Sanding

120 - 180 grit on bare metal - for optimum performance first apply JP310 Chrome Free Etch Primer or JP Series Epoxy Primer  
180 - 240 grit on old finishes, body filler

#### Mixing



##### Ratios:

<b>JP202</b>	:	<b>JH301/JH302</b>	:	<b>JR Reducer</b>
<b>4</b>	:	<b>1</b>	:	<b>1*</b>

*\*for high build applications the JR Reducer may be cut to ½ part*



##### As a Spray Filler:

<b>JP202</b>	:	<b>JH301/JH302</b>
<b>4</b>	:	<b>1</b>



##### Pot Life:

1 hour at 70°F (21°C) at 4:1:1  
30 minutes at 70°F (21°C) at 4:1:½  
20 minutes at 70°F (21°C) at 4:1  
JH302 can be used when a longer pot life is needed



##### Additives:

JX993 Flexible Additive	10% to RTS mix
JX995 Accelerator	Add 1 oz. to RTS quart

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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.

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## Application

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**Coats:** 2 - 4 coats

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## Dry Times

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**Between Coats:** 5 - 10 minutes at 70°F (21°C)



**Air Dry:**  
**4:1:1**  
1½ - 3 hours at 70°F (21°C)  
**4:1:½**  
3 - 6 hours for high build applications  
**4:1**  
8 hours minimum for spray filler applications



**Force Dry:** 20 - 30 minutes at 140°F (61°C) metal temperature



**IR (Medium):** 10 - 15 minutes



**Topcoat:**  
**Air Dry**  
1½ - 3 hours to sand and topcoat  
**Force Dry**  
After cool down

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## 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.

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## Properties

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### VOC

Package	4.01 lbs. /gal.
Applied (4:1:1)	4.66 lbs. /gal.
Applied (4:1)	4.24 lbs. /gal.

### Film Build Per Coat

Applied (4:1:1)	1.5 - 2.0 mils
Applied (4:1)	2.0 - 2.5 mils

### Volume Solids

Applied (4:1:1)	33.5%
Applied (4:1)	40.3%

### Weight Solids

Applied (4:1:1)	55.2%
Applied (4:1)	61.8%

### Square foot coverage at 1 mil (4:1:1)

Applied (4:1:1)	538 sq. ft. /gal. at 100% transfer
Applied (4:1)	646 sq. ft. /gal. at 100% transfer

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We protect and  
beautify the world™

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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 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](http://www.ppgrefinish.com) for the most up-to-date information.