

# JB Acrylic Basecoat

## Background

SHOP-LINE® JB is a fast drying basecoat designed for today's automotive collision centers. JB must be clearcoated for durability and gloss.

## Components

### Color

JB Acrylic Basecoat

### Reducer

JR505/JR5560 Fast 55-65°F (13-18°C)  
 JR506/JR5570 Medium 65-75°F (18-24°C)  
 JR507/JR5580 Slow 75-85°F (24-29°C)  
 JR508/JR5590 Very Slow 85-95°F (29-35°C)

## Compatible Products

### Can be applied over:

Cleaned, cured and sanded OEM and refinish coatings  
 JP37x Epoxy Primers  
 JP301 Plastic Adhesion Promoter  
 JP233 1K Acrylic Primer  
 JP202 2K Primer Surfacer  
 JP285 2K Urethane Surfacer  
 JP315 1K Acrylic Sealer  
 JP33x 2K Urethane Sealers

### Can be topcoated with:

JC60 Universal Clearcoat  
 JC620 Acrylic Urethane Clearcoat  
 JC630 4.2 Polyurethane Clearcoat  
 JC660 4.2 VOC Speed Clear  
 JC661 Hi-Gloss Multi-Panel Clear  
 JC6700 HS European Clearcoat  
 JC6800 HE European Speed Clear

## 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

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer surfacers.

## Mixing



**Ratios:**  $\frac{\text{JB}}{1} : \frac{\text{JR50x/JR55xx Reducer}}{1}$



**Pot Life:** Indefinite



**Additives:** JC605 Basecoat Blender

For use as a color blender, mix up to 1 part ready to spray JC605 to 1 part ready to spray JB Basecoat and step out the color mixture into the blended area. For use as a wet bed, apply 1 medium coat of ready to spray JC605 over the repair area, allow to flash for 5 - 10 minutes before applying JB color or JC605 / JB color mixture.

**Optional:** The hardener that will be used in the clearcoat selected for the repair may also be added to catalyze the basecoat as follows:  
 10% to unreduced RTS or  
 5% to reduced RTS

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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



**Coats:** 2 - 3 coats or until proper color is achieved

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## Dry Times



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



**Air Dry:** Tape: 45 minutes



**Clear Coat:** 20 minutes minimum, 24 hours maximum at 70°F (21°C)

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## Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR reducers, 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

### VOC

Package VOC Actual	4.39 - 5.78 lb./gal. (526 - 693 g/L)
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Package VOC Regulatory (Less Water, Less Exempt)	4.39 - 5.78 lb./gal. (526 - 693 g/L)
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1:1 RTS VOC Regulatory (Less Water, Less Exempt)	5.61 - 6.29 lb./gal. (672 - 754 g/L)
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RTS Solids by weight	12.5 - 23.5%
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### Film Build Per Coat

Applied (1:1)	0.5 - 0.6 mil
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### Sq. Ft. coverage at 1 mil

Applied (1:1)	159 - 198 sq. ft. per 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 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 Safety Data Sheet and Labels for additional safety information and handling instructions.**

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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