

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	Hardener	Reducer
JP202 2K High Build Primer Surfacer	JH301 2K Undercoat Hardener - Normal Temp	JR505 Fast 55-65°F (13-18°C)
	JH302 2K Undercoat Hardener - High Temp	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

JP215 Etch Primer

JP301 Plastic Adhesion Promoter

JP209 Gray Polyester Primer / Filler

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

SXA330 Wax and Grease Remover

SWX350 (H₂O-SO-CLEAN™)

Sanding

120 - 180 grit on bare metal - for optimum performance first apply JP215 Etch Primer or JP Series Epoxy Primer

180 - 240 grit on old finishes, body filler

Mixing



Ratios: $\frac{\text{JP202}}{4} : \frac{\text{JH301/JH302}}{1} : \frac{\text{JR Reducer}}{1^*}$

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



As a Spray Filler: $\frac{\text{JP202}}{4} : \frac{\text{JH301/JH302}}{1}$



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 quart
 JX995 Accelerator Add 1 oz. to RTS quart

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: 2 - 4 coats

Dry Times



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



Air Dry:
4:1:1
1-½ -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
1-½ -3 hours to sand and topcoat
Force Dry
After cool down

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

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



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 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.

Medical Response:

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

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 for the most up-to-date information.

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