

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.

JP209 Gray Polyester Primer / Filler

Primer Filler

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Hardener

MEKP Polyester Primer / Filler Hardener

Compatible Substrates

Properly cleaned and sanded steel, galvanized, and aluminum. Sanded and cleaned Body Filler, Cured, cleaned and sanded OEM and refinish coatings.

JP209 may be topcoated with:

JP202 2K Primer Surfacer
 JP221 2.1 VOC 1K Primer Surfacer - Gray
 JP233 1K Acrylic Primer
 JP285 2K Urethane Surfacer
 JP315 1K Acrylic Sealer
 JP33x Series 2K Urethane Sealers
 JP35x Series 2.1 VOC Multi-Purpose Primers
 JP36x Series 2.1 VOC Urethane Sealers
 JP37x Series Epoxy Primer
 JP385 2K Sealer
 JP390 2.1 VOC Epoxy Primer - Gray
 JB Acrylic Basecoat
 JBP Acrylic Urethane Basecoat
 JE Acrylic Enamel
 JE Acrylic Enamel/ Activated
 JAU Direct Gloss Acrylic Urethane.
 JBX 3.5 VOC Basecoat
 JBPX 3.5 VOC Acrylic Urethane Basecoat
 JLX 2.8 VOC Acrylic Enamel
 JTX 2.8 VOC Single Stage

Do not apply over:
 JP215 Etch Primer
 JP301 Plastics Plastic Adhesion Promoter
 JP315 Acrylic Sealer
 JP233 1K Acrylic Primer

Preparation

Surface Cleaning

JX101 Wax and Grease Remover, JX992 Plastic Cleaner, SWX350 H₂O-So-Clean, SXA330 Wax and Grease Remover, 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

Ratio Add 2 oz. of MEKP per gallon of JP209 or 0.5 oz. of MEKP per quart of JP209 (See mix by weight table on page 2)

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

Additives None

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.

Air pressure



HVLP 8 - 10 psi at the air cap
 Compliant 29 - 40 psi at the gun

Gun setup

1.8 mm or larger

Properties

Dry film build per coat

Approximately 2.0 - 3.0 mils dry film per coat

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° (21°C) to sand, prime and topcoat. 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. Cool before sanding, priming and top coating.

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JR Reducer, JT501 General Purpose Solvent or JT571 0.21 VOC General Purpose Solvent or other appropriate clean up solvent 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 Part (Gram)	8 oz. / ½ pint Part (Gram)	16 oz. / ½ quart Part (Gram)	32 oz. / 1 quart Part (Gram)
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)	19.0 (16.0)

Note: 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
Sq Ft. Coverage / U.S.gal.1 mil. @ 100% transfer efficiency	911

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.

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 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.
Material Safety Data Sheet:
Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG Shop-Line 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 Distributor for the most up-to-date information.

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