

JP211 Gray Polyester Primer / Filler

Background

SHOP-LINE® JP211 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 JP211 Gray Polyester Primer / Filler	Hardener MEKP Polyester Primer Hardener
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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
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Preparation

Surface Cleaning: JX101 Wax and Grease Remover JX992 Plastic Cleaner SXA330 Wax and Grease Remover SWX350 (H ₂ 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
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Mixing

Add 1.0 oz. of MEKP primer hardener per quart of JP211 Gray Polyester Primer / Filler or 4 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

Spray guns, gun cups, storage pots, etc., should be cleaned thoroughly after each use with any appropriate PPG general purpose solvent.

Mix By Weight

JP211 at 1 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)
JP211	175.6 (155.7)	351.1 (311.3)	702.2 (622.07)	1404.4 (1245.4)
MEKP	4.5 (4.0)	9.0 (8.0)	18.0 (16.0)	36.1 (32.0)
Note: Additional volumes may be found on PAINTMANAGER®				

Technical Data	
RTS Combinations:	JP211 : MEKP
Volume Ratio:	4 oz. per 128 oz. / 1.0 oz. per 32 oz.
Applicable Use Category	Primer
VOC Actual (g/L)	153
VOC Actual (lbs/gal)	1.28
VOC Regulatory (less water less exempt) (g/L)	163
VOC Regulatory (less water less exempt) (lbs/gal)	1.36
Density (g/L)	1305
Density (lbs/gal)	10.89
Volatiles wt. %	15.4
Water wt. %	0.1
Exempt wt. %	3.6
Water vol. %	0.1
Exempt vol. %	5.9
Solids vol. %	77.9
Solids wt. %	84.6

Properties

Dry film build per coat

Approximately 2.0 - 3.0 mils dry film per coat

Square ft. coverage at 1 milApplied 944 Sq. ft. gal. at 100% transfer



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beautify the world™

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 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.

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.
