

JC603 Integrating Clear

Background

SHOP-LINE® JC603 is an Integrating clear which when added to the final coat of activated JE Acrylic Enamel color will enhance its application, gloss, and durability.

Components

Color	Hardener	Reducer
JC603 Integrating Clear	JH6002 Hi-Gloss Enamel Hardener	JR4070 Fast 55-65°F (13-18°C) JR4080 Medium 65-75°F (18-24°C) JR6002 Slow 75-85°F (24-29°C)

Compatible Products

Can be applied over:

Cured, cleaned 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 Urethane Sealers

If desired, a clearcoat can be applied to provide additional long term durability.

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 HS European Speed Clear

Mixing



Ratios

JC603	:	JH6002	:	JR40xx
8	:	1	:	2



Pot Life:

8 hours

The above is then mixed at 1:1 with ready to spray JE Acrylic Enamel.

Note: JE must be mixed using the same hardener and thinner as used in the JC603 Mixture. JH6001 hardener and JR50xx reducers may be substituted for JH6002 hardener and JR40xx reducers however, better overall application and appearance will be achieved with the use of JH6002 and JR40xx.



Additives

JX994 Fisheye Eliminator

Up to 0.5 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



Mixed and applied in the final coat of JE Acrylic Enamel

Dry Times



Between Coats: 5 - 10 minutes



Air Dry:

Dust:	10 minutes
Tack:	30 - 40 minutes
Tape:	4 hours



Force Dry: 30 minutes at 140°F (60°C)



IR: 10 - 15 minutes



Polish:

Air Dry
16 hours at 70°F (21°C) to polish and put into service

Force Dry
8 hours cool down to polish and put in service



Recoat:

Air Dry
16 hours at 70°F (21°C)

Force Dry
8 hours to recoat

Must lightly scuff before recoating.

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.

Properties

VOC

Package	4.37 lb./gal. (524 gm/L)
Applied (1:1) with JE color	<5.00 lb./gal. (599 gm/L) max

Film build per coat

Applied (1:1) with JE color	0.8 - 1.2 mils
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Square foot coverage at 1 mil

Applied (1:1) with JE color	497 sq. ft. / gal., at 100% transfer
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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.

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