

JC661 High Gloss Multi-Panel Clear

Background

SHOP-LINE® JC661 is a two component, multi purpose acrylic urethane clearcoat that is fast-drying, easy to apply and designed for use in either cross flow air dry or downdraft force cure spray booths. JC661 delivers good gloss, DOI and buffability and out performs similar value priced clearcoats.

Components

Clearcoat

JC661 High Gloss Multi-Panel Clear

Hardener

JH6670 Fast Topcoat Hardener
JH6680 Medium Topcoat Hardener
JH6690 Slow Topcoat Hardener

Compatible Products

Can be applied over:

JBP Shop-Line Plus Acrylic Urethane Basecoat
JB Acrylic Basecoat
JAU Acrylic Urethane Direct Gloss
JE Acrylic Enamel / Activated

Preparation

Allow basecoat color to dry a minimum of 30 minutes and a maximum of 24 hours before clearing. After 24 hours the basecoat should be lightly sanded and reapplied before applying JC661.

Mixing



Ratios:

JC661	:	JH66xx
2	:	1



Pot Life:

1.5 - 2 hours at 70°F (21°C)



Additives:

JX993 Flexible Additive, 10% to RTS quart
JX994 Fisheye Eliminator, 0.5 oz. to RTS quart
JX995 Accelerator, 1 oz. to RTS quart
JX996 Accelerator, 0.5 oz. to RTS quart
SU4985 Universal Matting Agent, see ONECHOICE® bulletin OC-2

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 - 3 coats
For optimum performance, final recommended film build is 2.0 - 2.5 mils

Dry Times



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



Air Dry: Dust: 30 - 40 minutes
Tack: 2 - 3 hours
Tape: 8 hours



Force Dry: 30 minutes at 140°F (60°C)



IR: 12 - 15 minutes



Polish:
Air Dry
6 - 8 hours at 70°F (21°C) to polish or to put into service
Force Dry
90 minutes cool down to polish and put in service



Recoat:
Air Dry
8 hours or overnight at 70°F (21°C)
Force Dry
90 minutes cool down 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	4.22 lbs. /gal (503 g/L)
Applied Less exempts (2:1)	4.29 lbs. /gal (514 g/L)
Volume Solids (2:1)	39.2%
Weight Solids (2:1)	44.8%

Film Build Per Coat

Applied (2:1)	1.0 - 1.5 mils
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Sq. Ft. coverage at 1 mil

Applied (2:1)	629 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 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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