

JC660 Rapid Spot / Panel Clearcoat

Background

SHOP-LINE® JC660 is a two component, acrylic urethane rapid spot and panel clearcoat that is easy to apply and delivers quick out of dust time and good buffability. It can be used in either cross flow air dry or downdraft force cure spray booths.

Components

Clearcoat

JC660 Rapid Spot / Panel Clearcoat

Hardener

JH6670 Fast Topcoat Hardener 55-65°F (13-18°C)
 JH6680 Medium Topcoat Hardener 75-85°F (24-29°C)
 JH6690 Slow Topcoat Hardener 85°F+ (29°C+)

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 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 JC660.

Mixing



Ratios:

JC660	:	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, .5 oz. to RTS quart
JX995	Accelerator, 1 oz. to RTS quart
JX996	Accelerator, 0.5 oz. to RTS quart
JR509**	Retarder 5% to RTS quart
SU4985	Universal Matting Agent, see ONECHOICE® product bulletin OC-2

** Addition of retarder in excess of 5% on RTS quart may result in a non-compliant ready to spray VOC. Verify local regulation prior to use.

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 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)
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Air Dry:	Dust: 25 - 45 minutes
	Tack: 1 - 2 hours
	Tape: 6 - 8 hours



Force Dry:	30 minutes at 140°F (60°C)
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IR:	12 - 15 minutes
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Polish:	Air Dry 6 - 8 hours at 70°F (21°C) to polish or put in service
	Force Dry 2 hour cool down to polish or put into service



Recoat:	Air Dry 8 hours or overnight at 70°F (21°C)
	Force Dry 2 hour cool down

Must lightly scuff before recoating

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR reducers, JT501 Multi 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	4.21 lbs./ gal
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Applied Less exempts (2:1)	4.29 lbs./ gal
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Volume Solids (2:1)	39.0%
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Weight Solids (2:1)	45.3%
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Film Build Per Coat

Applied (2:1)	1.5 - 2.0 mil
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Sq. Ft. coverage at 1 mil

Applied (2:1)	626 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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