

JAU Direct Gloss Acrylic Urethane

Background

SHOP-LINE® JAU is a fast drying, two component, single stage acrylic urethane designed for today's automotive collision centers.

Components

Color	Hardener	Reducer
JAU Direct Gloss Acrylic Urethane	JH6670 Fast Topcoat Hardener	JR505/JR5560 Fast 55-65°F
	JH6680 Slow Topcoat Hardener	(13-18°C)
	JH6690 Very Slow Topcoat Hardener	JR506/JR5570 Medium 65-75°F
		(18-24°C)
		JR507/JR5580 Slow 75-85°F
		(24-29°C)
		JR508/JR5590 Very Slow 85-95°F
		(29-35°C)

Compatible Products

Can be applied over:

Cleaned, cured 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 2K Urethane Sealers

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

Preparation

Surface Cleaning:

JX101 Wax and Grease Remover
 JX992 Plastic Cleaner
 SXA330 Wax and Grease Remover
 SWX350 (H₂O-SO-CLEAN®)

Sanding

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer surfacers.

Mixing



Ratios:
Standard

JAU	:	JH66xx	:	JR50x/JR55xx
4	:	1	:	1



Higher Solids

JAU	:	JH66xx	:	JR50x/JR55xx
4	:	1	:	1/2



Pot life: 8 hours at 70°F (21°C)

Tinting: JAU color may be tinted up to 10% with *Shop-Line* mixing bases and equal parts J94 mixing clear.

Color/Clear: 1 part of RTS color can be mixed with up to 1 part RTS *Shop-Line* clear on the last coat.



Additives:

JR509	Retarder, add 10% to RTS quart
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® product 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: Apply 2 coats or until proper color is achieved

Dry Times



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



Air Dry:

Dust: 45 minutes
Tack: 3 - 5 hours
Tape: 12 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 or put in service

Force Dry

8 hours to polish or put into service



Recoat:

Air Dry

24 hours at 70°F (21°C)

Force Dry

24 hours

Must lightly scuff before recoating

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR Reducer, 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	4.50 lbs./ gal (539 g/L)
Applied Less exempts (4:1:1)	5.00 lbs./ gal (599 g/L)
Applied Less exempts (4:1:½)	5.00 lbs./ gal (599 g/L)
RTS Solids by weight (4:1:1)	37.0-52.0%
RTS Solids by weights (4:1:½)	40.0-55.0%

Film Build Per Coat

Applied (4:1:1)	0.8 - 1.5 mils
Applied (4:1:½)	1.0 - 1.4 mils

Sq. Ft. coverage at 1 mil

Applied (4:1:1)	478 - 562 sq. ft. /US gallon at 100% transfer
Applied (4:1:½)	532 - 624 sq. ft. /US gallon 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.
