

JTX 3.5 VOC Direct Gloss Acrylic Urethane (National Rule)

Background

SHOP-LINE® JTX is a 3.5 VOC, fast drying acrylic urethane direct gloss topcoat designed for today's automotive collision centers. It is available in both solid and metallic finishes.

Components

Primer	Hardener	Reducer
JTX 2.8 VOC Direct Gloss Acrylic Urethane	JH6028 Low VOC Hardener	JR505 Fast 55-65°F (13-18°C) JR506 Medium 65-75°F (18-24°C) JR507 Slow 75-85°F (24-29°C) JR508 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
JP233 1K Acrylic Primer
JP202 2K Primer Surfacer
JP315 1K Acrylic Sealer
JP33x 2K Urethane Sealers
OneChoice® Plastic Adhesion Promoter

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

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

Mixing



Ratios:

JTX	:	JH6028	:	JR50x
4	:	1	:	1

For metallic colors, up to 1 additional part of reducer may be added as needed



Pot Life:

8 hours



Tinting:

JTX color may be tinted up to 10% with Shop-Line mixing bases and equal parts J128 JTX converter.

Additives:

JX993 Flexible Additive, 10% 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



Coats: 2 - 3 coats or until proper color is achieved.

Cross coat as needed.

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: 1 hour
Tack: 4 - 6 hours
Tape: 12 hours



Force Dry: 30 minutes at 140°F (60°C)



IR: Medium wave 75% power for 30 minutes



Polish:
Air Dry
16 - 24 hours at 70°F (21°C) to polish and put into service
Force Dry
8 hours to polish and put into service



Recoat:
Air Dry
16 - 24 hours at 70°F (21°C)
Force Dry
8 hours
Must lightly scuff before recoating

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR Reducer, JT571 0.21 VOC 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

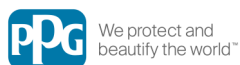
Dry Film Build per coat:

Applied 4:1:2 0.8 - 1.2 mils per coat, dry

Square foot coverage at 1 mil

Applied 4:1:2 598 - 707 sq. ft. / gal. at 100% transfer

RTS Combinations:	JTX Color (Package)	JTX : JH6028 : JR50x	JTX : JH6028 : JR50x : JX993 (Flexible)
Volume Ratio:	N/A	4 : 1 : 1	4 : 1 : 1 +10%
Applicable Use Category	Single Stage Coating	Single Stage Coating	Single Stage Coating
VOC Actual (g/L)	310-404	330-381	344-391
VOC Actual (lbs/gal)	2.32 - 2.96	2.75-3.18	2.87-3.26
VOC Regulatory (less water less exempt) (g/L)	278-355	362-412	375-419
VOC Regulatory (less water less exempt) (lbs/gal)	2.59-3.23	3.02-3.44	3.13-3.50



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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