

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
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

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



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



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| 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



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| Between Coats: | 5 - 10 minutes at 70°F (21°C) |
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|-----------------|-------------------|
| Air Dry: | Dust: 1 hour |
| | Tack: 4 - 6 hours |
| | Tape: 12 hours |



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| Force Dry: | 30 minutes at 140°F (60°C) |
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|------------|--------------------------------------|
| IR: | Medium wave 75% power for 30 minutes |
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|----------------|---|
| 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 |



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|----------------|--|
| 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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