

## JTX 2.8 VOC Direct Gloss Acrylic Urethane

### Background

JTX is a low VOC, fast drying acrylic urethane single stage topcoat designed for today's automotive collision centers. It's available in both solid and metallic

### JTX 2.8 VOC Direct Gloss Acrylic Urethane

#### Color

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#### Hardener

JH6028

#### Reducer

JR554 Fast (55°F-65°F), JR555 Medium (65°F-75°F), JR556 Slow (75°F-85°F), JR557 Retarder (85°F-95°F)

### Compatible Substrates

Cured, cleaned & sanded OEM and refinish enamels

Any compliant Omni primer including:

JP221 2.1 VOC 1K Primer Surfacer-Gray

JP205 Polyester Primer / Filler

JP354 2.1 VOC Multi-Purpose Primer- White

JP355 2.1 VOC Multi-Purpose Primer - Gray

JP356 2.1 VOC Multi-Purpose Primer - Dark Gray

JP390 2.1 VOC Epoxy Primer - Gray

SX1071 Etch Primer\*

\*Prime before topcoating

### Preparation

#### Surface cleaning

SWX350 H<sub>2</sub>O-So-Clean, SXA330 Wax and Grease Remover, SX1009 2.9 VOC Bug and Tar Remover

#### Sanding

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

### Mixing

#### Ratios



JTX      JH6028      JR55x  
4      :      1      :      2

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

**Pot life** 8 hours

**Additives** SLV814 Universal flexibilizer, see table on page 2.

SLV4985 Low VOC Universal Flattening Agent, refer to OneChoice product bulletin, OC-7

**Do Not** use SLV73 Fish-eye Eliminator in JTX 2.8 VOC Direct Gloss Acrylic Urethane when using JR556 or JR557 reducers.

### Application

#### Coats



2 coats or until hiding and cross coat as needed.

#### Air pressure



HVLP 7 - 10 psi at the air cap  
Conventional 45 - 55 psi at the gun

#### Gun setup

1.2 - 1.4 mm or equivalent

### Dry Times

#### Between coats



5 - 10 minutes at 70°F (21°C)

#### Air dry



At 70°F (21°C)

Dust: 1 hour

Tack: 4 - 6 hours

Tape: 12 hours

Air Dry: 16 - 24 hours or over night

Force Dry: 30 min @ 140°F/60°C metal temp, wait 8 hours to polish and put into service.

I.R. (Medium Wave) 75% power for 30 minutes

### Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JR reducers, JT571 0.21 VOC General Purpose Solvent or other appropriate clean up solvent after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

### Properties

#### Total dry film build

Applied 4:1:2 2.0 - 2.5 mils

#### Square foot coverage at 1 mil

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

<b>RTS Combinations:</b>	JTX (Packaged)	JTX : JH6028 : JR55x	JTX : JH6028 : JR55x : SLV814 (Flexible)
Volume Ratio:	N/A	4 : 1 : 2	4 : 1 : 2 +10%
Applicable Use Category	Single-Stage Coating	Single-Stage Coating	Single-Stage Coating
VOC Actual (g/L)	278 - 355	167 - 210	155 - 195
VOC Actual (lbs/gal)	2.32 – 2.96	1.39 – 1.75	1.30 – 1.63
VOC Regulatory (less water less exempt) (g/L)	310 -404	262 - 335	255 - 323
VOC Regulatory (less water less exempt) (lbs/gal)	2.59 – 3.37	2.19– 2.80	2.13 – 2 .70
Density (g/L)	1013 - 1276	1088 - 1279	1101 - 1274
Density (lbs/gal)	8.45 – 10.65	9.08 – 10.67	9.19 – 10.63
Volatiles wt. %	32.7 – 52.1	49.7 – 63.6	51.8 - 64.6
Water wt. %	0.0	0.0	0.0
Exempt wt. %	10.8 – 19.3	36.2 – 45.8	39.2 – 47.9
Water vol. %	0.0	0.0	0.0
Exempt vol. %	8.2 -17.0	35.2 – 40.2	37.8 – 42.4

#### **Limitations**

ShopLine JTX 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 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.

#### **Material Safety Data Sheet:**

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Shop-Line* 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* Distributor for the most up-to-date information.