

## JC620 Acrylic Urethane Clearcoat

### Background

JC620 is a two component 4.1 VOC multi purpose acrylic urethane clearcoat that is fast-drying, easy to apply and designed for use in either cross flow air dry or downdraft force cure spray booths. JC620 delivers good gloss, DOI and buffability and out performs similar value priced clearcoats.

### JC620 Acrylic Urethane Clearcoat

#### Clear

JC620 Acrylic Urethane Clearcoat

#### Hardener

JH6265 Fast Urethane Hardener

JH6285 Slow Urethane Hardener

### Compatible Substrates

Automotive Refinish Basecoats

### 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 before applying JC620.

### Mixing

#### Ratios



JC620 : JH6265 or JH6285  
4 : 1



Pot life is 1.5 - 2 hours at 70°F (21°C)

**Additives** JX993 10% to RTS quart  
JX994 0.5 oz. to RTS quart

### Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JR Reducers, 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.

### Application

#### Coats



2 - 3 coats

#### Air pressure



HVLP 8 - 10 psi at the air cap  
Conventional 50 - 60 psi at the gun

#### Gun setup

1.3 - 1.5 mm or equivalent

### Dry Times

#### Between coats



5 - 10 minutes at 70°F (21°C)

#### Air dry With JH6265 Fast Urethane Hardener



Dust: 10 - 15 minutes  
Tack: 30 - 50 minutes  
Tape: 2-4 hours  
Polish 2-4 hours

#### Air dry With JH6285 Slow Urethane Hardener



Dust: 10 - 15 minutes  
Tack: 50 - 60 minutes  
Tape: 2 - 4 hours  
Polish: 6-8 hours at 70°F (21°C) to polish or put into service  
Recoat: 8 hours or overnight at 70°F (21°C)

#### Force dry

30 minutes at 140°F (60°C), allow a cool down of 90 minutes to polish, put into service or recoat.

#### IR (Infrared)

12 - 15 minutes

### Properties

#### VOC

Package 3.57 lbs/gal (428 gm/l)  
Applied Less exempts 4:1 4.14 lbs/gal (496 gm/l)

#### Film build per coat

Applied 4:1 1.2 mils

#### Square foot coverage at 1 mil

Applied 4:1 567 sq. ft. / gal., no transfer loss

### 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 ShopLine™ 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 ShopLine™ Distributor for the most up-to-date information.