

JC781 2.1 VOC Polyurethane High Gloss Clear

Background

JC781 is a two component 2.1 VOC high gloss polyurethane clear designed for production shops for use in either cross flow air dry or downdraft force cure spray booths. JC781 delivers very good gloss, DOI and buffability.

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Clear

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Hardener

JH7870 Polyurethane Hardener - Fast

JH7880 Polyurethane Hardener - Slow

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 JC781.

Mixing

Ratios



JC781 : JH7870 or JH7880
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 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 JH7870



Dust: 15 -20 minutes
Tape: 6-8 hours

Air dry With JH7880



Dust: 20 - 30 minutes
Tape: 6 - 8 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 7.66 lbs/gal (906 gm/l)
Applied Less exempts 4:1 2.08 lbs/gal (249 gm/l)

Film build per coat

Applied (4:1) 1.2 mils

Square foot coverage at 1 mil

Applied (4:1) 459 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.