

JC7100

2.1 VOC HS European Multi-Panel Clearcoat

Background

SHOP-LINE® JC7100 2.1 VOC HS European Multi-Panel Clearcoat is designed for panel or overall repair or where a high gloss finish is desired. JC7100 can be used with a choice of two hardeners depending on job size and/or temperature requirements.

Components

Clear

JC7100 2.1 VOC HS European Multi-Panel Clearcoat

Hardener

JH7121 2.1 VOC HS European Multi-Panel Activator 65-85°F (18-29°C)

JH7131 2.1 VOC HS European Multi-Panel Activator High Temp 85°F+ (29°C+)

Compatible Products

Can be applied over:

JBPX Shop-Line Plus 3.5 VOC Acrylic Urethane Basecoat

JBX 3.5 VOC Acrylic Basecoat

JTX 2.8 VOC Acrylic Urethane Direct Gloss

JLX 2.8 VOC Acrylic Enamel

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 and reapplied before applying JC7100

Mixing



Ratios:

$$\frac{\text{JC7100}}{2} : \frac{\text{JH71xx}}{1}$$



Pot Life:

1.5 hours at 70°F (21°C)

Additives:

SLV4985 Universal Flattening Agent, see ONECHOICE® Bulletin OC-7
 SLV814 Flex Additive (see page 2)
 SLV73 Fisheye Eliminator, 0.5 oz. to RTS quart

Application



Coats :

2 - 3 medium wet coats
 For optimum performance, final recommended film build is 2.0 - 2.5 mils dry

Air Pressure and Gun Setup



HVLP:

8 - 10 psi at the air cap

Conventional:

45 - 55 psi at the gun

Compliant:

29 - 40 psi at the gun

Gun Setup:

1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacture's recommendations for inlet air pressures.

Dry Times at 70°F (21°C)



Between Coats 5 - 10 minutes



Air Dry

	With JH7121	With JH7131
Dust:	45 - 65 minutes	2 - 3 hours
Tack:	2 - 3 hours	6 - 7 hours
Tape:	6 - 8 hours	6 - 8 hours



Force Dry 30 minutes at 140°F (60°C)

Polish

Air Dry: 8 - 12 hours
Force Dry: After Cool Down



Recoat 8 - 12 hours or overnight at 70°F (21°C)

Infrared (IR) 10 - 15 minutes, full power

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JR reducers or JT571 0.21 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

RTS Combinations

	JC7100 : JH71xx	JC7100 : JH71xx : SLV814
Volume Ratio:	2 : 1	2 : 1 : 10%
Applicable Use Category	Clear Coating	Clear Coating (Flexed)
VOC Actual (g/L)	116 - 131	110 - 123
VOC Actual (lbs/gal)	0.97 - 1.09	0.92 - 1.03
VOC Regulatory (less water less exempt) (g/L)	216 - 234	210 - 226
VOC Regulatory (less water less exempt) (lbs/gal)	1.80 - 1.95	1.75 - 1.89
Density (g/L)	1183 - 1188	1188 - 1191
Density (lbs/gal)	9.87 - 9.91	9.91 - 9.94
Volatiles wt. %	60.8 - 61.7	62.0 - 62.8
Water wt. %	0.0	0.0
Exempt wt. %	49.8 - 51.9	51.7 - 53.6
Water vol. %	0.0	0.0
Exempt vol. %	43.9 - 46.0	45.8 - 47.6
Solids vol. %	40.2 - 40.5	39.4 - 39.7
Solids Weight %	38.3 - 39.2	37.1 - 38.0
Sq. Ft. Coverage / U.S. gal. 1 mil. @ 100% transfer efficiency	645 - 650	632 - 637



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 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 *Shop-Line* brand distributor.

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