

JP355 2.1 VOC MULTI-PURPOSE PRIMER

Background

JP355 is a fast drying, two component gray low VOC primer-sealer which may be used as a primer surfacer or as a wet on wet sealer when integrated with clear coat.

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Primer-Sealer

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Reducer

JR554, JR555, JR556 Compliant Reducers

Hardener

JH358 Multi-purpose primer hardener

Clearcoats

JC780, JC781

Topcoats

JBX 3.5 VOC Basecoat

JTX 2.8 VOC Direct Gloss

Compatible Surfaces

Cleaned and sanded steel, galvanized and aluminum after applying SX1071 Etch Primer

Sanded and cleaned fiberglass and SMC

cleaned and sanded cured OEM and refinish coatings

JP205 Polyester Primer Filler

Preparation

Surface Cleaning SWX350 O-So-Clean

Sanding
For use as primer: 180 - 220 Grit machine on bare steel
For use as sealer: 320 - 400 Grit machine on primer and old finishes

Mixing

Primer Surfacer :



JP355 : JH358 : JR55X
 4 : 1 : 2

Wet on Wet Sealer:



JP355 : JC780/781 : JH358 : JR55X
 3 : 1 : 1 : 1

Pot life



1/2 hour at 70° (21°C) at 4:1:2

1 hour at 70° (21°C) at 3:1:1:1

Additives

SLV814 Flex Add, 10% to RTS JP355

Application

Coats



4:1:2 2 - 4 coats for Primer-Surfacer
 3:1:1:1 1 - 2 coats for Wet-on-Wet Sealer

Air Pressure



HVLP 8 - 10 psi at the air cap
 Conventional 40 - 50 psi at the gun

Gun Setup

1.3 - 1.6 mm or equivalent

Dry Times

Between Coats



5 - 10 minutes at 70°F (21°C)

Air Dry at 70° (21°C)



3:1:1:1 Wet on Wet Sealer
 15 minutes to topcoat at 70°F (21°C)

4:1:2 Primer-Surfacer
 1 ½ - 3 hours to sand and topcoat at 70°F (21°C)

Force Dry



4:1:2 Primer-Surfacer
 20 - 30 minutes at 140°F (60°C) metal temperature to sand and topcoat

IR (Infrared)



4:1:2 Primer-Surfacer
 10 - 15 minutes

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with the appropriate clean up solvent after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

Properties

Film Build Per Coat

Applied 3:1:1:1 1.2-1.5 mils
 4:1:2 1.5-2 mils

Square foot coverage at 1 mil

Applied 3:1:1:1 602 sq. ft. / gal., no loss
 4:1:2 592 sq. ft. / gal., no loss

PRIMER-SURFACER	Standard System	Flexible System
RTS Combinations:	JP355 : JH358 : JR55X	JP355 : JH358 : JR55X + 10% SLV814
Volume Ratio:	4 : 1 : 2	4 : 1 : 2 +10%
Applicable Use Category	Primer	Primer
VOC Actual (g/L)	120	113
VOC Actual (lbs/gal)	1.00	0.94
VOC Regulatory (less water less exempt (g/L)	235	228
VOC Regulatory (less water less exempt) (lbs/gal)	1.96	1.90
Density (g/L)	1450 - 1490	1430 – 1466
Density (lbs/gal)	12.10 – 12.43	11.93 – 12.23
Volatiles wt. %	49.4 – 50.7	51.2 – 52.5
Water wt. %	0.0	0.0
Exempt wt. %	41.1 – 42.7	43.3 – 44.8
Water vol. %	0.0	0.0
Exempt vol. %	49.0	50.3

PRIMER-SEALER	Standard System	Flexible System
RTS Combinations:	JP355 : JC780 or JC781 : JH358 : JR55X	JP355 : JC780 or JC781 : JH358 : JR55X +10% SLV814
Volume Ratio:	3 : 1 : 1 : 1	3 : 1 : 1 : 1 +10%
Applicable Use Category	Primer-Sealer	Primer-Sealer
VOC Actual (g/L)	123 - 138	116 - 129
VOC Actual (lbs/gal)	1.03 – 1.15	0.97 - 1.07
VOC Regulatory (less water less exempt (g/L)	236 – 242	228 - 234
VOC Regulatory (less water less exempt) (lbs/gal)	1.97 – 2.02	1.90 -1.95
Density (g/L)	1389 – 1402	1376 – 1409
Density (lbs/gal)	11.59 – 11.70	11.48 – 11.76
Volatiles wt. %	47.0 – 49.9	49.2 – 52.4
Water wt. %	0.0	0.0
Exempt wt. %	37.1 – 41.2	39.8 – 44.1
Water vol. %	0.0	0.0
Exempt vol. %	43.0 – 48.0	44.9 – 49.2

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 Distributor.

For additional information regarding this product, see the MSDS and label information.

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 Omni Distributor for the most up-to-date information.