

PDS N4.15C
September 2012

P950-5505

Waterborne Primer-Surfacer-Grey

PRODUCT DESCRIPTION

P950-5505 Waterborne Primer-Surfacer is a grey primer-surfacer based on the latest 1K waterborne technology which has been optimized for use with Aquabase® Plus waterborne basecoat. It can be applied direct to metal without the need for a pretreatment or etch primer and delivers an alternative to traditional urethane primer-surfacers for collision centers that wish to be on the cutting edge of the latest refinish technology as well as reducing VOC emissions. The simple application along with the air dry speed of P950-5505 Waterborne Primer-Surfacer allows sanding in as little as thirty minutes producing a high speed, quality repair.

- Fast dry = reduced process time
- Excellent holdout = less rework
- Meets VOC compliance

WATERBORNE PRIMER-SURFACER

PRODUCTS

P950-5505

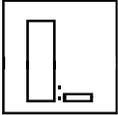
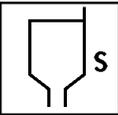
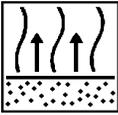
Waterborne Primer-Surfacer - Grey

P980-5000

Aquabase Plus Thinner

THESE PRODUCTS ARE FOR THE PROFESSIONAL PAINTING OF AUTOMOTIVE VEHICLES ONLY

PROCESS

PROCESS																			
<p>MIX RATIO</p> 	<p>WATERBORNE PRIMER-SURFACER</p> <p>P950-5505 1 Part P980-5000 10% by weight (13% by Volume)</p> <p>P950-5505 Waterborne Primer-Surfacer should be thoroughly hand shaken prior to use. P935-1250 adjuster and P980-505 High Temp / Low Humidity thinner are not recommended for use with P950-5505.</p> <p>Cumulative Mix by Weight in Parts (Grams) for P950-5505 Waterborne Primer-Surfacer</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Product</th> <th>4 oz. / ¼ Pint</th> <th>8 oz. / ½ Pint</th> <th>16 oz. / 1 Pint</th> <th>32 oz. / 1 Quart</th> <th>64 oz. / 2 Quart</th> </tr> </thead> <tbody> <tr> <td>P950-5505</td> <td>154.5 (137.0)</td> <td>309.0 (274.0)</td> <td>618.0 (548.0)</td> <td>1235.9 (1095.9)</td> <td>2471.8 (2191.8)</td> </tr> <tr> <td>P980-5000</td> <td>170.0 (150.7)</td> <td>340.0 (301.4)</td> <td>679.9 (602.9)</td> <td>1359.7 (1205.7)</td> <td>2719.5 (2411.4)</td> </tr> </tbody> </table> <p>Note: P950-5505 reduced with P980-5000 thinner at 10% by weight or 13% by volume. Reduction accuracy is important, therefore it is recommended to reduce by weight using a mixing scale. Reducing by weight is not the same as reducing by volume. See mix table above or refer to PaintManager™ for additional mixing volumes.</p>	Product	4 oz. / ¼ Pint	8 oz. / ½ Pint	16 oz. / 1 Pint	32 oz. / 1 Quart	64 oz. / 2 Quart	P950-5505	154.5 (137.0)	309.0 (274.0)	618.0 (548.0)	1235.9 (1095.9)	2471.8 (2191.8)	P980-5000	170.0 (150.7)	340.0 (301.4)	679.9 (602.9)	1359.7 (1205.7)	2719.5 (2411.4)
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<p>POTLIFE</p> 	<p>Pot Life: 24 hours at 70°F (21°C)</p>																		
<p>SPRAYGUN & AIR PRESSURE</p> 	<p>Fluid Tip: 1.6 - 1.9mm</p> <p>HVLP: Max. 10 psi cap press.</p> <p>Compliant: 25 – 35 psi at the gun</p> <p>Note: For best overall results, refer to spray gun manufacturer's recommendations for optimum inlet pressure.</p>																		
<p>APPLICATION</p> 	<p>Apply: 3 - 5 wet coats</p> <p>Film Build: 0.8 - 1.0 mils per coat</p> <p>Note: For optimal performance, the minimum dry film build must be 2.5 mils or more after sanding. For film builds less than 2.5 mils, P565-9880 Etch Primer must be used.</p>																		
<p>FLASH TIME</p> 	<p>Using air drying equipment, 3 - 5 minutes between coats or until dried to a matte finish.</p>																		

WATERBORNE PRIMER-SURFACER

DRY TIMES



Dry To Handle
68°F /20°C

Immediately after flash off once the surface becomes uniformly matte in appearance.

Dry to Sand
68°F /20°C

Approximately 30 minutes after flash off of the final coat. Humidity will affect dry times.

Note: After sanding, P950-5505 may be top coated. If the sanded primer has been allowed to stand for more than 24 hours, it must be cleaned, lightly scuff sanded, re-cleaned prior to top coating.

IR (Infrared)

Not to exceed 100°F / 38°C metal temperature

SUBSTRATES

P950-5505 Waterborne Primer-Surfacer can be applied over:

Wash the area to be painted with soap and water then clean with appropriate cleaner such as P850-1402, SXA330 or SWX350.

Sand the bare metal areas completely with 180-280 grit abrasive and clean. Sand old finishes with 320-400 grit dry by hand or machine.

Aluminum substrates must be primed within 8 hours of sanding and cleaning.

Carbon steel must be primed immediately after sanding and cleaning.

P950-5505 may be applied to properly prepared and cleaned bare metal.

For bare plastics, an appropriate Nexa Autocolor plastic adhesion promoter must be applied prior to the application of P950-5505.

EQUIPMENT CLEANING

Unused material may be stored in a approved sealed plastic container for up to 24 hrs. All spray equipment should be cleaned after each use with P980-8212 Aquabase Plus gun wash.

WATERBORNE PRIMER-SURFACER

PERFORMANCE SPECIFICATIONS

RTS Combinations:

P950-5505 : P980-5000

Volume Ratio:

1 : 10%

Applicable Use Category	Primer
VOC Actual (g/L)	36
VOC Actual (lbs./gal)	0.30
VOC Regulatory (less water less exempt) (g/L)	86
VOC Regulatory (less water less exempt) (lbs./gal)	0.72
Density (g/L)	1283
Density (lbs./gal)	10.71
Volatiles wt. %	48.7
Water wt. %	45.9
Exempt wt. %	0.0
Water vol. %	59.1
Exempt vol. %	0.0

For further information please contact:

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