























































MATRIX[®]
SYSTEM
AUTOMOTIVE FINISHES

Low VOC Product Guide

V O C C O M P L I A N

PRODUCT	MIX RATIO/ VOC RTS	REDUCER/HARDENER	POT LIFE	APPLICATION	GUN SETUP	DRYING/SANDING								
	 <p>1:1</p> <p>1 part RSP-120 1 part RSR-Series 2.1 lbs/g VOC</p>	 Shop Temperatures <table border="1" data-bbox="178 1071 276 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td colspan="4">RSR Series Zero VOC Reducers All Temperatures</td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	RSR Series Zero VOC Reducers All Temperatures				 N/A	 1 to 3 full coats  Flash 5-10 minutes between coats	<p>HVLP 1.3 - 1.5 mm 6 - 10 psi @ the air cap</p> <p>CONVENTIONAL 1.3 - 1.5 mm 30 - 45 psi @ the gun</p>	 77°F Air 30 Min.  Wet Sand: 180 Grit or finer  Dry Sand: 180 Grit or finer
60-68°F	68-80°F	80-90°F	90°F +											
RSR Series Zero VOC Reducers All Temperatures														
	 <p>4:1</p> <p>4 part RSP-130 1 part RSA-135 2.1 lbs/g VOC</p>	 Shop Temperatures <table border="1" data-bbox="438 1071 535 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td colspan="4">RSA-135 All Temperatures</td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	RSA-135 All Temperatures				 1-2 Hours	 2 to 3 full coats  Flash 5-10 minutes between coats	<p>HVLP 1.6 - 2.0 mm 6 - 10 psi @ the air cap</p> <p>CONVENTIONAL 1.6 - 2.0 mm 30 - 45 psi @ the gun</p>	 77°F Air 4-6 Hrs. before topcoating.  After 4-6 Hrs. Wet Sand: 400 Grit or finer  After 4-6 Hours Dry Sand: 400 Grit or finer
60-68°F	68-80°F	80-90°F	90°F +											
RSA-135 All Temperatures														
	 <p>100:2</p> <p>1 part RSP-140 Activator Tube 2% by Weight 1.6 lbs/g VOC</p>	 Shop Temperatures <table border="1" data-bbox="714 1071 812 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td colspan="4">Activator Tube All Temperatures</td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	Activator Tube All Temperatures				 30 Minutes	 2 to 3 full wet coats  Flash 10-15 minutes between coats	<p>HVLP 1.8 - 2.2 mm 6 - 10 psi @ the air cap</p> <p>CONVENTIONAL 1.8 - 2.2 mm 35 - 45 psi @ the gun</p>	 77°F Air 1-2 Hrs. 140°F Bake 20 Mins.  Wet Sand: 180 Grit or finer  Dry Sand: 180 Grit or finer
60-68°F	68-80°F	80-90°F	90°F +											
Activator Tube All Temperatures														
	<p>1 Part AWB 10-20% ADT-01,02 1.7-3.3 lbs/g VOC</p>	 Shop Temperatures <table border="1" data-bbox="974 1071 1071 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td>ADT-01</td> <td></td> <td>ADT-02</td> <td></td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	ADT-01		ADT-02		 Indefinite	 1 light wet followed by full wet coat until hiding is achieved  Flash 5-10 minutes between coats	<p>HVLP 1.2 - 1.4 mm 8 - 10 psi @ the air cap</p> <p>CONVENTIONAL 1.2 - 1.4 mm 40 - 50 psi @ the gun</p>	 77°F Air 10-15 Mins.  Nib Sand: 600 Grit or finer  Dry Sand: N/A
60-68°F	68-80°F	80-90°F	90°F +											
ADT-01		ADT-02												
	 <p>2:1</p> <p>2 parts MSB-LV 1 part MBR-Reducers <3.5 lbs/g VOC</p>	 Shop Temperatures <table border="1" data-bbox="1250 1071 1347 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td>MBR-100</td> <td>MBR-200</td> <td>MBR-300</td> <td></td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	MBR-100	MBR-200	MBR-300		 Indefinite	 Apply 2-3 1 wet coats until hiding is achieved  Flash 10-15 minutes between coats	<p>HVLP 1.3 - 1.5 mm 8 - 10 psi @ the air cap</p> <p>CONVENTIONAL 1.3 - 1.5 mm 40 - 50 psi @ the gun</p>	 77°F Air 15-30 Mins.  Nib Sand: 600 Grit or finer  Dry Sand: N/A
60-68°F	68-80°F	80-90°F	90°F +											
MBR-100	MBR-200	MBR-300												
	 <p>4:1</p> <p>4 parts RSC-200 1 part</p>	 Shop Temperatures <table border="1" data-bbox="1510 1071 1607 1428"> <tr> <td>60-68°F</td> <td>68-80°F</td> <td>80-90°F</td> <td>90°F +</td> </tr> <tr> <td>RSA-214</td> <td>RSA-215</td> <td>RSA-216</td> <td>RSA-216</td> </tr> </table>	60-68°F	68-80°F	80-90°F	90°F +	RSA-214	RSA-215	RSA-216	RSA-216	 30-45 Mins.	 2 to 3 full coats  Flash 10-15 minutes	<p>HVLP 1.3 - 1.7 mm 5 - 10 psi @ the air cap</p> <p>CONVENTIONAL</p>	 77°F Air 6-8 Hours. 140°F Bake 40 Mins.  Wet Sand: 600 Grit or finer
60-68°F	68-80°F	80-90°F	90°F +											
RSA-214	RSA-215	RSA-216	RSA-216											

T COATINGS

RSA-214,215,216
2.1 lbs/g VOC



1.3 - 1.7 mm
35 - 45 psi
@ the gun

Dry Sand:
600 Grit or finer



Shop Temperatures

60-68°F	68-80°F	80-90°F	90°F +
RSA-317 All Temperatures			

HVLP
1.3 - 1.7 mm
5 - 10 psi
@ the air cap

CONVENTIONAL
1.3 - 1.7 mm
35 - 45 psi
@ the gun

77°F Air 6-8 Hrs.
140°F Bake 40 Mins.

Wet Sand:
600 Grit or finer

Dry Sand:
600 Grit or finer



2 to 3 full coats

Flash 10-15 minutes
between coats



30-45 Mins.



2:1



HVLP
1.3 - 1.7 mm
6 - 10 psi
@ the air cap

CONVENTIONAL
1.3 - 1.7 mm
40 - 50 psi
@ the gun

77°F Air 16-24 Hrs.
140°F Bake 40 Mins.

Wet Sand:
1500 Grit or finer

Dry Sand:
N/A



2 to 3 full coats

Flash 10-15 minutes
between coats



3-5 Hours



4:1



HVLP
1.3 - 1.7 mm
6 - 10 psi
@ the air cap

CONVENTIONAL
1.3 - 1.7 mm
40 - 50 psi
@ the gun

77°F Air 90M - 5Hrs.
140°F Bake 40 Mins.

Wet Sand:
1500 Grit or finer

Dry Sand:
N/A



2 to 3 full coats

Flash 10-15 minutes
between coats



3-5 Hours



4:1



HVLP
1.3 - 1.7 mm
6 - 10 psi
@ the air cap

CONVENTIONAL
1.3 - 1.7 mm
40 - 50 psi
@ the gun

77°F Air 90M - 5Hrs.
140°F Bake 40 Mins.

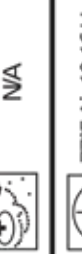
Wet Sand:
1500 Grit or finer

Dry Sand:
N/A

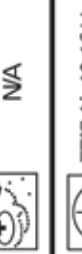


2 to 3 full coats

Flash 10-15 minutes
between coats



3-5 Hours



2:1



HVLP
1.3 - 1.7 mm
6 - 10 psi
@ the air cap

CONVENTIONAL
1.3 - 1.7 mm
40 - 50 psi
@ the gun

77°F Air 10-16 Hrs.
140°F Bake 40 Mins.

Wet Sand:
1500 Grit or finer

Dry Sand:
N/A



2 to 3 flowing coats

Flash 10-15 minutes
between coats



1-3 Hours



PRODUCT GUIDE
PAINTERS HOTLINE 1.800.735.0303



CARB Automotive Refinish Coatings Suggested Control Measure

Coating Category	VOC Regulatory limit, as applied, in grams/liter (pounds per gallon)	
	Effective January 1, 2009	Effective January 1, 2010
Adhesion Promoter	780 (6.5)	540 (4.5)
Clear Coating	250 (2.1)	
Color Coating	420 (3.5)	
Multi-Color Coating	680 (5.7)	
Pretreatment Coating	660 (5.5)	
Primer	250 (2.1)	
Primer Sealer	340 (2.8)	250 (2.1)
Single-Stage Coating	420 (3.5)	340 (2.8)
Temporary Protective Coating	60 (0.5)	
Truck Bed Liner Coating	310 (2.6)	
Underbody Coating	430 (3.6)	
Uniform Finish Coating	540 (4.5)	
Any Other Coating Type	250 (2.1)	