

# PRODUCT GUIDE



## PRIMERS, COLOR & CLEARS

PRODUCT	MIX RATIO	REDUCER/HARDENER	POT LIFE	APPLICATION	DRY TIME	SANDING	GUN SETUP	TIPS
<b>RPB</b> Premium Basecoat	2:1 2 parts RPB 1 part RSR-300 Series Reducer	Shop Temperatures 60-68°F RSR-300 68-80°F RSR-301 80-90°F RSR-302 90°F & up RSR-302	Indefinite	2 to 3 medium coats or until hiding 8 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 10-15 Mins. 140°F Bake N/A	Wet Sand: "Nib" Only Dry Sand: "Nib" Only	HVLP 1.3 - 1.5 mm 8 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>RPB has excellent color match for import and newer American vehicles.</li> <li>A good technique to ensure color match and/or blendability is to spray the basecoat and clearcoat on a small test panel before doing the actual repair.</li> <li>Each coat of basecoat applied, require an additional 10 minutes flash time before clearcoating. (Ex: 4 coats of basecoat = 40 minutes flash before clearcoating.)</li> </ul>
<b>RSB</b> Standard Basecoat	2:1 2 parts RSB 1 part RSR-300 Series Reducer	Shop Temperatures 60-68°F RSR-300 68-80°F RSR-301 80-90°F RSR-302 90°F & up RSR-302	Indefinite	2 to 3 medium coats or until hiding 8 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 10-15 Mins. 140°F Bake N/A	Wet Sand: "Nib" Only Dry Sand: "Nib" Only	HVLP 1.3 - 1.5 mm 8 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>RSB has excellent color match for older American vehicles.</li> <li>A good technique to ensure color match and/or blendability is to spray the basecoat and clearcoat on a small test panel before doing the actual repair.</li> <li>Each coat of basecoat applied, require an additional 10 minutes flash time before clearcoating. (Ex: 4 coats of basecoat = 40 minutes flash before clearcoating.)</li> </ul>
<b>RSB LV</b> Standard Basecoat	2:1 2 parts RSB 1 part MBR Series Reducer	Shop Temperatures 60-68°F MBR-100 MBR-200 68-80°F MBR-200 MBR-300 80-90°F MBR-300 MBR-400 90°F & up MBR-400	Indefinite	2 to 3 medium coats or until hiding 8 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 10-15 Mins. 140°F Bake N/A	Wet Sand: "Nib" Only Dry Sand: "Nib" Only	HVLP 1.3 - 1.5 mm 8 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>RSB-LV has excellent color match for older American vehicles.</li> <li>A good technique to ensure color match and/or blendability is to spray the basecoat and clearcoat on a small test panel before doing the actual repair.</li> <li>Each coat of basecoat applied, require an additional 10 minutes flash time before clearcoating. (Ex: 4 coats of basecoat = 40 minutes flash before clearcoating.)</li> </ul>
<b>RSP-100</b> <b>RSP-110</b> Acrylic Lacquer Primer	2:3 2 parts RSP-100 3 parts VOC Compliant Reducer	Shop Temperatures 60-68°F Lacquer Thinner 68-80°F Lacquer Thinner 80-90°F Lacquer Thinner 90°F & up Lacquer Thinner	Indefinite	2 to 3 wet coats 5 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 30 Mins. 140°F Bake N/A	Wet Sand: 800 Grit or finer Dry Sand: 600 Grit or finer	HVLP 1.5 - 2.1 mm 5 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Allow 30 minutes before sanding or topcoating with additional primer, sealer or color.</li> <li>Follow mix ratio closely, under reducing product will make product difficult to sand.</li> <li>To avoid sand scratch bridging, do not apply very heavy coats.</li> </ul>
<b>RSP-120</b> 2.1 VOC Acrylic Lacquer Primer Grey	1:1 1 part RSP-120 1 part Acetone	Shop Temperatures 60-68°F Acetone 68-80°F Acetone 80-90°F Acetone 90°F & up Acetone	Indefinite	1 to 3 wet coats 5 to 10 psi HVLP Flash 5-10 minutes between coats	77°F Air 30 Mins. 140°F Bake N/A	Wet Sand: 800 Grit or finer Dry Sand: 600 Grit or finer	HVLP 1.5 - 2.1 mm 5 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Allow 30 minutes before sanding or topcoating with additional primer, sealer or color.</li> <li>Follow mix ratio closely, under reducing product will make product difficult to sand.</li> <li>To avoid sand scratch bridging, do not apply very heavy coats.</li> </ul>
<b>RSP-130</b> 2.1 VOC Primer Surfacer	4:1 4 parts RSP-130 1 part RSA-135	Shop Temperatures 60-68°F RSA-135 68-80°F RSA-135 80-90°F RSA-135 90°F & up RSA-135	1 - 2 Hours	2 to 3 wet coats 5 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 4-6 Hours 140°F Bake 30 Mins.	Wet Sand: 800 Grit or finer Dry Sand: 600 Grit or finer	HVLP 1.5 - 2.1 mm 5 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Allow 30 minutes before sanding or topcoating with additional primer, sealer or color.</li> <li>Follow mix ratio closely, under reducing product will make product difficult to sand.</li> <li>To avoid sand scratch bridging, do not apply very heavy coats.</li> </ul>
<b>RSP-160</b> Fast Build Primer Surfacer	4:1 4 parts RSP-160 1 part RSA-165	Shop Temperatures 60-68°F RSA-165 68-80°F RSA-165 80-90°F RSA-165 90°F & up RSA-165	1-2 Hours	2 to 3 wet coats 5 to 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 2-4 Hours 140°F Bake 20 Mins.	Wet Sand: 800 Grit or finer Dry Sand: 600 Grit or finer	HVLP 1.5 - 2.1 mm 5 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Allow 30 minutes before sanding or topcoating with additional primer, sealer or color.</li> <li>Follow mix ratio closely, under reducing product will make product difficult to sand.</li> <li>To avoid sand scratch bridging, do not apply very heavy coats.</li> </ul>
<b>RSS-150</b> Ready to Spray Sealer Grey	RTS Ready to Spray	Shop Temperatures 60-68°F N/A 68-80°F N/A 80-90°F N/A 90°F & up N/A	N/A	1 to 2 medium coats 5 to 10 psi HVLP Flash 30 minutes before topcoats	77°F Air 30 Mins. 140°F Bake N/A	Wet Sand: "Nib" Only Dry Sand: "Nib" Only	HVLP 1.5 - 2.1 mm 5 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Allow 30 minutes before sanding or topcoating.</li> <li><b>Do Not Reduce</b>, product is ready to spray</li> <li>To avoid sand scratch bridging, do not apply very heavy coats.</li> </ul>
<b>RSC-200</b> 2.1 VOC Urethane Clear	4:1 4 parts RSC-200 1 part RSA-214,215,216	Shop Temperatures 60-68°F RSA-214 RSA-215 68-80°F RSA-215 RSA-216 80-90°F RSA-216 RSA-216 90°F & up RSA-216	3 - 5 Hours	2 to 3 full wet coats 6 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 6-8 Hours 140°F Bake 40 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 6 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>
<b>RSC-210</b> 4.2 VOC EuroClear	2:1 2 parts RSC-210 1 part RSA-217,218,219	Shop Temperatures 60-68°F RSA-217 RSA-218 68-80°F RSA-218 RSA-219 80-90°F RSA-219 RSA-219 90°F & up RSA-219	3 - 5 Hours	2 to 3 full wet coats 6 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 14-24 Hours 140°F Bake 40 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 6 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>
<b>RSC-220</b> Extra Gloss Urethane Clear	4:1 4 parts RSC-220 1 part RSA-225,226,227	Shop Temperatures 60-68°F RSA-225 RSA-226 68-80°F RSA-226 RSA-227 80-90°F RSA-227 RSA-227 90°F & up RSA-227	3 - 5 Hours	2 to 3 full wet coats 6 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 14-24 Hours 140°F Bake 40 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 6 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>
<b>RSC-310</b> Clear Value Clearcoat	4:1 4 parts RSC-310 1 part RSA-325,326,327	Shop Temperatures 60-68°F RSA-325 RSA-326 68-80°F RSA-326 RSA-327 80-90°F RSA-327 RSA-327 90°F & up RSA-327	3 - 5 Hours	2 to 3 med wet coats 8 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 18-24 Hours 140°F Bake 30 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 8 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>
<b>RSC-320</b> 2.1 VOC Clear Value Clearcoat	4:1 4 parts RSC-320 1 part RSA-317	Shop Temperatures 60-68°F RSA-317 RSA-317 68-80°F RSA-317 RSA-317 80-90°F RSA-317 RSA-317 90°F & up RSA-317	3 - 5 Hours	2 to 3 full wet coats 6 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 6-16 Hours 140°F Bake 40 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 6 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>
<b>RSC-410</b> 2.1 VOC EuroClear	2:1 4 parts RSC-410 1 part RSA-417,418,419	Shop Temperatures 60-68°F RSA-417 RSA-418 68-80°F RSA-418 RSA-419 80-90°F RSA-419 RSA-419 90°F & up RSA-419	3 - 5 Hours	2 to 3 full wet coats 6 - 10 psi HVLP Flash 10-15 minutes between coats	77°F Air 16-24 Hours 140°F Bake 40 Mins.	Wet Sand: 1500 Grit or finer Dry Sand: N/A	HVLP 1.3 - 1.7 mm 6 - 10 psi @ the air cap	<ul style="list-style-type: none"> <li>Adding extra solvent may cause die back</li> <li>If wet sanding and buffing is required, apply 1 extra coat of clear.</li> <li>Buff time window: overnight - 5 days</li> </ul>

TECHNICAL HOTLINE 1.800.735.0303

Matrix System Automotive Finishes 850 Ladd Rd Bldg E, Walled Lake, MI 48390. Visit us on the web at [www.matrixsystem.com](http://www.matrixsystem.com)

