Premium Clearcoat Selection Chart
One of the ways to increase the revenue in your shop is to meet the aggressive cycle time goals set by insurance providers so that they reward you with additional business. With over 50% of all repair orders consisting of one to three panel repairs, having a defined express repair process and the right products in place are critical to your success.

The HP Process™ Clearcoats HPC15 and HPC21 with patented Air-Dry Technology enable you to sand or polish the clearcoat after only 15 minutes at 75° F, helping you reduce your cycle time and increase your profit.

Choosing the best clearcoat for your repair is easy with Sherwin-Williams full line of Premium Clearcoats, saving you time and reducing labor and energy costs. Sherwin-Williams Premium Clearcoats offer everything from speed Air-Dry options to full bake glamour clearcoats, allowing you to choose what you need for your repair and deliver more vehicles per day.

HP Process™ Refinish System will help you:
- Produce zero-day repairs reducing your cycle time and length of rental
- Eliminate the bake cycle saving you time and money
- Increase revenue and profit

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The HP Process™ Clearcoats HPC15 and HPC21 with patented Air-Dry Technology enable you to sand or polish the clearcoat after only 15 minutes at 75° F, helping you reduce your cycle time and increase your profit.
### 2.1 VOC Premium Clearcoat Guide

#### Features

<table>
<thead>
<tr>
<th>Product</th>
<th>Features</th>
</tr>
</thead>
</table>
| HPC21   | • Most Productive Clearcoat in the Market  
         | • Improve Cycle Times, Productivity and Profitability  
         | • 1-3 Panel Repairs |
| 1100751 | • Productivity / Appearance  
         | • Air-Dry and Bake Options  
         | • 1-5 Panel Repairs |
| 1100757 | • Excels in Air-Dry Environments  
         | • For Use in a Slow Ramp Up Booth |
| 1100755 | • Maximum Appearance  
         | • Versatility:  
         |   • 2.1 VOC Clearcoat  
         |   • National Rule Option  
         |   • 1 Panel - Overall Repairs |

#### Air-Dry

<table>
<thead>
<tr>
<th>Product</th>
<th>Time to Handle (After Bake)</th>
<th>Bake Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPC21</td>
<td>N/A</td>
<td>20 Minutes @ 75°F</td>
</tr>
<tr>
<td>1100751</td>
<td>30 Minutes @ 75°F</td>
<td>15 Minutes @ 130°F</td>
</tr>
<tr>
<td>1100757</td>
<td>30 Minutes @ 75°F</td>
<td>20 Minutes @ 130°F</td>
</tr>
<tr>
<td>1100755</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Time to Handle (After Bake)

<table>
<thead>
<tr>
<th>Product</th>
<th>Time to Handle (After Bake)</th>
<th>Bake Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPC21</td>
<td>30 Minutes After Cool Down</td>
<td>N/A</td>
</tr>
<tr>
<td>1100751</td>
<td>30 Minutes After Cool Down</td>
<td>N/A</td>
</tr>
<tr>
<td>1100757</td>
<td>30 Minutes After Cool Down</td>
<td>N/A</td>
</tr>
<tr>
<td>1100755</td>
<td>30 Minutes After Bake</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Mix Ratio

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPC21</td>
<td>4 : 1 : 1</td>
</tr>
<tr>
<td>1100751</td>
<td>2 : 1 : 1</td>
</tr>
<tr>
<td>1100757</td>
<td>2 : 1 : 1</td>
</tr>
<tr>
<td>1100755</td>
<td>2 : 1 : 1</td>
</tr>
</tbody>
</table>

#### Basecoat Systems

- HPC21
- 1100751
- 1100757
- 1100755
**National Rule Premium Clearcoat Guide**

**HPC15/HPC21**
- Most Productive Clearcoat in the Market
- Improve Cycle Times, Productivity and Profitability
- 1-3 Panel Repairs

**Features**
- 15 Minutes @ 75°F

**Air-Dry**
- N/A

**Bake Time**
- N/A

**Time to Handle**
- N/A

**Mix Ratio**
- 4:1:1

**Basecoat Systems**
- [Logo]

**CC200**
- Appearance and Productivity. Simplified.
- Go To Clearcoat
- 1-7 Panel Repairs
- Consistent Premium Appearance without Sacrificing Productivity

**Mix Ratio**
- 4:1:15%

**Basecoat Systems**
- [Logo]

**1100755**
- Maximum Appearance
- Versatility:
  - 2.1 VOC Clearcoat
  - National Rule Option
  - 1 Panel - Overall Repairs

**Mix Ratio**
- 2:1:1

**Basecoat Systems**
- [Logo]
**Specialty Premium Clearcoat Guide**

**1100727**  
Matte Clearcoat

- Versatile Urethane Clearcoat
- Achieve Various Gloss Finishes
- Packaged as Matte
- Adjust for:
  - Eggshell
  - Satin
  - Semi Gloss
- 2.1 VOC and National Rule Options
- See PDS for Complete Mixing Information

5 : 1 : 1 for full Matte  
*See PDS for Gloss Level Ratios

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**SRC2**  
Scratch Resistant Clearcoat

- FHT-Film Healing Technology™
- 2.1 VOC and National Rule Options
- See PDS for Complete Mixing Information

45-60 Minutes @ 75°F  
30 Minutes @ 140°F after 10 min. Flash

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**Features**

- **Air-Dry**
  - 1 Hour @ 75°F

- **Bake Time**
  - 30 Minutes @ 140°F after 30 min. Flash

- **Time to Handle**
  - After Cool Down

- **Mix Ratio**
  - 5 : 1 : 1 for full Matte
  - 3 : 1 : 1

**Basecoat Systems**

- [Waterborne](#)
- [UVO](#)
- [AWX](#)
Premium Clearcoat Selection Guide

Dry Time

Slower

HPC15
HPC21

1-3 Panels

Speed Clearcoat

Faster

1100751

1-5 Panels

Primary Clearcoat

100757

1 Panel - Overall

Glamour Clearcoat

CC950
1100755

CC200
Air-Dry Option for:
CC200, CC950

- US6 is not recommended when no heat is applied in booth
- US1-US3 are not recommended for baking
- For extra flow and leveling, use next higher US Reducer or blend US reducers to best fit application conditions

Baking Option for:
CC200, CC950, 1100755

- US-4
- US-5
- US-6

National Rule Reducer Selection Chart
# 2.1 VOC Reducer Selection Chart

<table>
<thead>
<tr>
<th></th>
<th>60°F</th>
<th>70°F</th>
<th>80°F</th>
<th>90°F</th>
<th>100°F</th>
<th>110°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>110071</td>
<td></td>
<td></td>
<td>ES55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ES56</td>
<td></td>
</tr>
<tr>
<td>110075</td>
<td></td>
<td></td>
<td>ES55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ES56</td>
<td></td>
</tr>
<tr>
<td>110077</td>
<td></td>
<td></td>
<td>ES55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ES56</td>
<td></td>
</tr>
<tr>
<td>*Air-Dry</td>
<td>Not recommended</td>
<td>ES55</td>
<td></td>
<td></td>
<td>ES56</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| *Bake Option is preferred

- For extra flow and leveling, use next higher ES Reducer or blend ES reducers to best fit application conditions.
HP Process™ Reducer Selection Chart

Air-Dry Option for:
- HPC21
  - ES56
  - ES55
  - ES20

Air-Dry Option for:
- HPC15, HPC21
  - US-5
  - US-4
  - US-3
  - US-2

Panel Repair Size
- Up to 3

Temperature Ranges:
- 70°F to 80°F
- 80°F to 90°F
- 90°F to 100°F
### All Premium Clearcoats (except as noted below)

<table>
<thead>
<tr>
<th>Spray Gun Model</th>
<th>Tip Size (mm)</th>
<th>Fluid Control (# of turns out)</th>
<th>Pressure @ the gun</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DeVilbiss®</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tekna® Prolite (TE20/TE10-High Efficiency)</td>
<td>1.3 - 1.4</td>
<td>3 - Full Open</td>
<td>22 - 24 psi</td>
</tr>
<tr>
<td>Tekna® Copper (7E7 air cap)</td>
<td>1.3 - 1.4</td>
<td>3 - Full Open</td>
<td>20 - 24 psi</td>
</tr>
<tr>
<td>Tekna® Prolite (HV30-HVLP)</td>
<td>1.3 - 1.4</td>
<td>3 - Full Open</td>
<td>22 - 24 psi</td>
</tr>
<tr>
<td><strong>Anest Iwata</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS400 Supernova Entech</td>
<td>1.3 - 1.4</td>
<td>4 - Full Open</td>
<td>24 - 26 psi</td>
</tr>
<tr>
<td>Supernova WS400 Evotech</td>
<td>1.3 - 1.4</td>
<td>4 - Full Open</td>
<td>24 - 28 psi</td>
</tr>
<tr>
<td>LPH400-LV (Silver cap)</td>
<td>1.3 - 1.4</td>
<td>4 - Full Open</td>
<td>20 - 22 psi</td>
</tr>
<tr>
<td><strong>Sata®</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jet B 5000 RP</td>
<td>1.2 - 1.3</td>
<td>2 - Full Open</td>
<td>24 - 28 psi</td>
</tr>
<tr>
<td>Jet B 5000 HVLP</td>
<td>1.3 - 1.4</td>
<td>2 - Full Open</td>
<td>28 psi</td>
</tr>
<tr>
<td>Jet B 4000 RP</td>
<td>1.3 - 1.4</td>
<td>2 - Full Open</td>
<td>24 - 28 psi</td>
</tr>
<tr>
<td>Jet B 4000 HVLP</td>
<td>1.3 - 1.4</td>
<td>2 - Full Open</td>
<td>28 psi</td>
</tr>
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**HP Process™ Clearcoats HPC15 and HPC21**

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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tekna® Prolite (TE20/TE10-High Efficiency)</td>
<td>1.4</td>
<td>Full Open</td>
<td>18 - 20 psi</td>
</tr>
<tr>
<td>Tekna® Copper (7E7 air cap)</td>
<td>1.4</td>
<td>Full Open</td>
<td>18 - 20 psi</td>
</tr>
<tr>
<td>Tekna® Prolite (HV30-HVLP)</td>
<td>1.3 - 1.4</td>
<td>Full Open</td>
<td>22 - 24 psi</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS400 Supernova Entech</td>
<td>1.4</td>
<td>Full Open</td>
<td>20 - 24 psi</td>
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These are recommended starting points using the spray guns listed. When adjusting the fluid needle or pressure, start at mid-range and then adjust until you get the optimum delivery that fits your application speed and environmental conditions. Select spray guns according to the painter’s application style and spray environment. No one spray gun is recommended over another.

Note: A dirty or worn nozzle set /air cap will not produce the results of a clean, properly maintained one. No adjustment can overcome a dirty or damaged/worn nozzle set or air cap.

For questions regarding the correct spray equipment for your shop, please contact your local Sherwin-Williams Automotive Finishes Technical Representative for assistance.
Why is Sherwin-Williams the ideal Automotive Refinishing paint partner for you?

• Company trained employees, fully aligned with your goals, directly provide premium service, training and consulting.
• Over 190 company owned stores in North America provide a standardized, scalable distribution platform.
• Productive, premium refinish systems that reduce your energy and labor costs and improve your cycle times.