



Section 8

UHS Clearcoat



UHS Clearcoat:

D8177 DELTRON® UHS Rapid Performance Clearcoat

Product Description:

D8177 Deltron Rapid Performance Clearcoat uses advanced technology to achieve an excellent, glossy, mirror-like finish, both in one visit or with a two-coat application.

Alongside rapid bake and air-dry cycles, this new clearcoat provides significant flexibility, empowering all bodyshops to save time, material and energy - without compromising on performance and ease of use.

It comes as a package with dedicated hardener and thinners for standard and high temperature application.

Best Practice & Application:

- A 'Less is More' approach to its application is recommended.
- A 1.2 fluid tip set up to 2 – 2.5 turns out is considered (optimal).
- The product performs at its best when kept warm: 15-19°C ambient, and a viscosity between 17-19 seconds in a DIN4 cup.
- The pot life is 1 hour at 20°C. Use immediately after activation.
- Ensure you spray at 2-2.2 bar to optimise the product flow, through cure and final appearance.

The Tech Stuff:

Mixing Ratio: 2 Parts D8177, 1 Part D8307/8, 0.6 parts D8757/8
 Pot Life: 45 to 60 minutes at 20°C
 Viscosity: RFU 18-19 seconds DIN4 cup at 20°C
 Application: Apply 1 light/medium & 1 full coat.
 Flash Off: 1 Visit application: If only 1-2 panels; 1 minute flash off
 Gun Set-up: 1.2 mm Fluid Tip
 Drying: 5mins @ 60°C / 20mins @ 40°C / 60mins Air-Dry @ 20°C and dust free after 20mins.

Bake times are for quoted metal temperature.
 Additional time should be allowed in the bake schedule to allow metal to reach recommended temperature.

These products are for professional use only.
 For full technical specification refer to TDS: RLD400V.



Range:

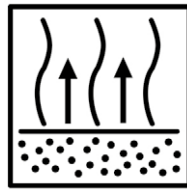
D8177 UHS Rapid Performance Clearcoat
D8307 UHS Hardener
D8308 UHS Hardener
D8757 Accelerator Thinner - Medium
D8758 Accelerator Thinner - Slow

UHS Clearcoat:

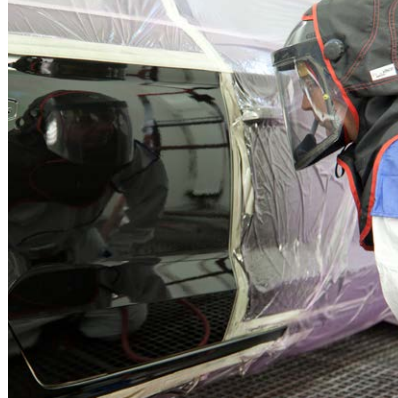
D8177 DELTRON® UHS Rapid Performance Clearcoat 2 Single Coat Process:



1st Coat = 75% closed @ 2 bar.



Flash-off for 5 minutes.



Inspect the final finish, allow overspray to clear the booth, then flash off for 5 minutes before initiating the recommended bake cycle.

UHS Clearcoat:

D8430 DELTRON® Spot Blender and D8731 *Deltron* Aerosol Spot Blender

Product Description:

D8430 *Deltron* Spot Blender and D8731 *Deltron* Aerosol Spot Blender.

When used correctly, these offer an easy and simple fade-out process for all PPG's UHS Clearcoat range.

They are formulated for easy application and have excellent overspray wetting properties, giving an effective, high gloss and quality finish to the fade-out repair.

Best Practice & Application:

- A 'less is more' approach to its application is recommended.
- Thorough preparation of the area to be blended is essential. Use a P2000 blend and finish disc with a lubricant such as D837 Spirit Wipe or Bodyshine liquid.
- A good technique is required when using D8731. Ensure the can is shaken vigorously before each use, and is then inverted and cleared of product after every use.
- An aerosol trigger is recommended to help reduce any 'thumb' interference with the spray pattern and will allow for a more robust technique.
- Must be stored in a warm and dry environment but should not be left in the spray booth.

The Tech Stuff:

- Finish the clearcoat blend to a hard edge, not arcing the gun – this reduces overspray significantly.
- Wet the edge with a light coat of Spot Blender and leave for 15 seconds.
- Wet the edge again with a second light application before commencing the cure process.

For Optimum Performance and Results:

- Use D8731 Aerosol Spot Blender on door shuts, sills, lower bumpers and other smaller areas etc.
- Use D8430 Spot Blender via a spray gun on larger blends and most normal pillar and edge blends.



Top Tip: Polish the blend only when it is fully cured and without creating excessive heat using a good quality compound and mop head. This reduces any risk of burning back or breaking through the blend edge.

These products are for professional use only.

For full technical specification refer to TDS: RLD299V.

UHS Clearcoat:

D8430 DELTRON® Spot Blender and D8731 *Deltron* Aerosol Spot Blender Application



Finish the clearcoat blend to a hard edge, not arcing the gun. This reduces overspray significantly.



D8731 Aerosol Spot Blender is used from a distance of 9-12" and applied in 1-2 light coats using an arcing motion.



D8430 Spot Blender, via a spraygun, is used from a distance of 9-12" and applied in 1-2 light coats using an arcing motion.

