



Best Practices for DELTRON® 2000 DBC Basecoat

The following Best Practices for *Deltron* 2000 DBC Basecoat are designed to be a guideline of good habits that will help a shop produce consistent and accurate color matches for productive and invisible repairs.

Choosing the Best Color

- Use the *Deltron* color variant system to identify the color chip that best matches the vehicle
- Use RAPIDMATCH® Spectrophotometer if available
- Create a spray out card
- Evaluate chips with a good source of natural light or a hand held lamp that replicates natural sunlight

Mixing the Basecoat Color

- Ensure toners are properly agitated on the mixing machine. 30 minutes is recommended for initial power up, followed by at least 3 more 15 minute cycles throughout the day
- Keep your scale clean. Paint build up on the scale can cause inaccurate weight measurements
- When mixing the basecoat, take care to accurately weigh the color formula
- When reducing products, do not guess. Use the PAINTMANAGER® software program and reduce products by weight for the most accurate mix
- Store empty mixing containers (cups, cans, etc.) upside down to prevent dust and dirt from collecting in the container
- If you must leave the mixing area for a brief time, place a lid over your mix container to prevent contamination
- Select appropriate reducer based on environmental conditions. Refer to *Deltron* NR Reducer Guide TB-014NR
- Place mixed color on the shaker for a minimum of 10 minutes to ensure a uniform mix
- If tinting is needed, do not substitute toners. Only tint with toners that are in the color formula
- Refer to P-sheet P-175 *Deltron* 2000 DBC Basecoat for proper reduction

Gun Set Up and Application

- Use a quality, well maintained spray gun with a 1.2 to 1.4 fluid tip
- Use an approved regulator to set air pressure. Set air pressure at the wall so gun regulator can be used for final adjustment
- Apply medium coats, 6 - 8" distance from panel, using an 70 - 80% overlap per coat
- Allow color to flash between coats as per P-sheet P-175
- Most colors will achieve color match / perceived hiding in 2 - 3 coats

Be Sure To

- Use the recommended G-shade undercoat listed in *PaintManager* software for the color code selected
- Agitate toners properly on the mixing machine
- Create a sprayout card before applying basecoat to the repair area. Apply 2 coats of urethane clearcoat to replicate the color on the vehicle. Bake or allow to air dry before evaluating color
- Keep distance, speed and overlap consistent to provide repeatable results

Avoid

- Over application of color which may lead to extended dry times or poor color match
- Applying multiple coats without allowing proper flash times. Refer to P-sheet P-175 for recommended flash times
- Evaluating color with wax and grease remover. This does not refract light the same way clearcoat does