



Process for Field Repair

Preparation, Priming and Painting

This is a suggested sample process only. As every field repair will be different, it is up to the technician to determine the correct process for each repair. This sample is designed for panel repair painting only. SPOT REPAIRS ARE NOT RECOMMENDED. Please refer to the Matthews Paint Substrate Preparation Guide for the proper undercoat selection. All flash, tack, dry and cure times will be greatly affected by increases and decreases in temperature and humidity. Always refer to the correct MPC Technical Data Sheet for each product being used in your process.

EZ Spray is For Professional Use Only. It is not for household use.

This product is not intended for use within the state of California under CARB's Regulation for Reducing Volatile Organic Compound Emissions from Aerosol Coating Products.



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Safety



Always protect yourself and the environment

- A. Wear proper protective gloves, clothing, eye and respiratory protection while filling, activating and applying any EZ Spray products.
- B. Follow all federal, state and local laws for personal protection and environmental regulations.
- C. Refer to Matthews Paint Technical Data Sheets and Safety Data Sheets.



Cleaning and Preparation



Wipe repair with 6405SP LOW VOC Cleaner. Refer to MPC Products sheet MPC172.

- A. Repair area should be free of moisture, dirt, grease, wax and other contaminants.
- B. 6405SP Cleaner should be applied with the 'two rag' system. One cloth should be saturated with cleaner and wipe a small section at a time. The second cloth to wipe away the cleaner while it is still wet on the surface.
- C. 6405SP Cleaner may also be applied using a SureShot or small handheld sprayer then wipe with clean cloth until dry.
- D. Do not allow 6405SP cleaner to dry on surface.
- E. Repeat this process until the area is clean after wiping the surface.
- F. The use of lacquer thinners, enamel reducers or other solvents as cleaners is not recommended.



Sand repair area to be painted

- A. Prep all areas to be painted as necessary.
- B. Scuff sand with as fine a grit sandpaper as possible.
- C. Fine sandpaper, Scotch Brite or the like may be used.



Final wipe

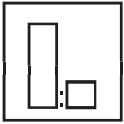
- A. Remove sanding dust with compressed air if available or tack cloth.
- B. Clean again with 6405SP LOW VOC Cleaner as described above.



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Priming (Epoxy Primers Recommended)



Refer to the Matthews Paint Substrate Preparation Guide for selection of the proper undercoat for your particular repair. Always read the Technical Data Sheet for the undercoat being used.

- A. Mix primer by volume.
- B. Use MPC mixing sticks or MPC mixing cups for proper ratios.
- C. No induction time required.
- D. Use either the 3.5 VOC White or Black Epoxy Primer, 3.5 VOC Gray Epoxy Primer, 2.1 VOC Gray Epoxy Primer or LVU 100 Ultra Low VOC Primer.



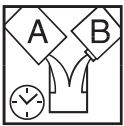
Roll primer on using a smooth foam roller. Apply 1st coat.

- A. Foam or velour rollers must be approved for urethane finishes.
- B. Apply coat as evenly as possible.
- C. Even coats will give better coverage than heavy coats.



Let flash between coats. Apply the last coat.

- A. Allow 10-15 minutes.
- B. Finish will become more 'tacky' during flash time.
- C. Apply 2nd coat as evenly as possible.



Once the Epoxy Primer and the hardener are mixed together, the pot life will vary by product and temperature.

- A. Pot Life. The amount of time the mixed components are usable.
- B. When nearing the end of a product's pot life, product will become thicker than normal.



Dry Time

- A. Allow Epoxy Primer dry for a minimum of 1 hour at 70 degrees before applying topcoat color. An overnight dry is recommended before sanding if required. After 24 hours sanding is required before applying topcoat.



Sand primed repair area to be painted (if required)

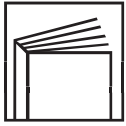
- A. Sandpaper, Scotch Brite or the like may be used. 320 or finer.
- B. Areas surrounding the primer should be scuffed in order to taper the repair.
- C. Pay particular attention to small crevasses and edges.



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Painting (Primed and/or properly prepared painted areas only)



Mixing. Refer to MPC Product Sheet MPC187 or MPC100.

- A. Follow outlined procedures for use of EZ Spray filling machine.
- B. Always wear proper personal safety equipment.
- C. Activate the previously filled EZ Spray can.
- D. SHAKE THOROUGHLY!!!



Apply 1st coat

- A. Apply color from "seam to seam" or to a natural break.
- B. NOT RECOMMENDED FOR SPOT-IN REPAIRS
- C. Apply 1st coat as evenly as possible.



Let flash

- A. Allow 10 - 20 minutes between coats.
- B. Refer to MPC187 or MPC100 Technical Data Sheets.



Apply the 2nd coat

- A. Apply 2nd coat as evenly as possible.



Allow To Dry

- A. Dry time will vary by temperature and humidity.
- B. Dry times will increase with lower temperatures.
- C. Do not apply products when substrate or ambient temperature is below 60 degrees F.
- D. Always refer to Product sheets for product data, mixing ratios, flash, tack and dry times of all products.