

Liquid Touch Up Recommendations for Powder Coatings

Damaged surfaces should be repaired using a suitable touch up material to restore the visual appearance and barrier protection of the coating.

Recommended Repair Method for Cosmetic Damage (no exposed substrate)

- Clean the affected are with a non-silicone degreaser. Apply and remove with a lint free cloth.
- Sand the affected area with 400-600 grit abrasive paper.
- Remove sanding dust with a lint free tack rag.
- Mask surrounding areas to prevent overspray.
- Apply 3-4 mils of touch up material that has been matched for durability, gloss and color per manufacturer recommendations.

Recommended Repair Method for Damage to Substrate (exposed substrate)

- Clean the affected are with a non-silicone degreaser. Apply and remove with a lint free cloth.
- Sand the affected area with 400-600 grit abrasive paper.
- Any substrate surface oxidation must be removed in the sanding process.
- Remove sanding dust with a lint free tack rag.
- Mask surrounding areas to prevent over-spray.
- Apply a primer suitable to the substrate type and required protection per the manufacturer recommendations.
- Ensure primer is thoroughly cured prior to the application of the touch up material.
- Apply 3-4 mils of touch up material that has been matched for durability, gloss and color per manufacturer recommendations.

Touch ups and primers can be obtained from a wide variety of sources. As a general guide, the following types of coatings are recommended:

Topcoats-

Aerosol (single component): recommended for interior (polyester/epoxy hybrids) and standard durable powder coatings.

Two Component Urethane: recommended for super durable and low gloss polyester/acrylic hybrids.

Primers-

Acid Etch Primer: used for aluminum substrates in AAMA applications prior to application of two component epoxy primer.

Two Component Epoxy: applicable for all substrates

Consult your TCI Technical Service or Sales partner for additional information.