3M Paint Application Process

PERSONAL SAFETY

- Reusable Respirators with full face protection
- Reusable Coveralls
- Nitrile Gloves

Requirements for Best Results and Quality

- Apply Dirt Trap Protection Film in order to keep a clean environment in the spray booth.
- Use 3M Aircare ACU-03 to obtain proper pressurized air.
- Use 3M Protective Coveralls to protect the operator and get a cleaner job.

Selection of the Colour Variant or Colour Matching

- Use the 3M™ Perfect It™ Fast Cut Plus Extreme to remove paint and surface exposure for an accurate color matching.
- If you are using the latest spectrometer technology, it is recommended to do an additional polishing step after 3M™ Perfect It™ Fast Cut Plus Extreme with 3M™ Perfect-It™ Ultrafine SE (blue cap).
- Tip: The creation of a personal colour library will make life easier for you in the future as you can reuse your own sprayout cards.

Mixing of Base Coat

- Different 3M™ PPS™ Series 2.0 sizes allow to fit the most common repairs in your shop.
- By using 3M™ PPS™ Series 2.0 no additional mixing cup is needed.
- As the filter is directly integrated to the 3M™ PPS™ Series 2.0 lid, no additional filtering stage is required.
- Note: Selecting the right format for your need will reduce the chance of overmixing of the base coat material.

Base Coat Application

- Degrease the surface using paint company or other recommended product. Always follow the manufacturer’s instructions.
- Cleaning the surface prior to base coat application with tack cloth.
- Always follow paint company recommendations regarding basecoat application process.
- When finished spraying, disconnect air line, invert gun and pull trigger to return excess paint to cup. Gently tap 3M™ PPS™ Series 2.0 Lid and Liner on a surface to help break surface tension of liquid and allow it to flow back into liner.

Mixing of Clear Coat

- Different 3M™ PPS™ Series 2.0 sizes allow to fit the most common repairs in your shop.
- Note: Modern clear coat technologies needs mixing on demand, due to accelerate pot life! Select the right format for your need. This will avoid overmixing the clear coat due to use material, which currently starts the reaction time!

Clear Coat Application

- Always follow paint company recommendations regarding clearcoat application process.
- 3M™ PPS™ Series 2.0 reduces clearing work considerably and lowers your solvent consumption clearly.
- Tip: Consult paint or solvent Safety Data Sheets (SDS) in addition to local regulations or authorities for safe use and proper disposal.

Forced Drying

- Please do observe the recommendations of your paint manufacturer concerning: object temperature & drying time.
- Note: The quality of drying has a positive influence on the later finishing properties of the surface. Forced drying accelerates the finish process and at the same time ensures an even drying of the paint. A clear coat, which has hardened evenly and will be finished a lot easier.