

Personal Safety

• Reusable respirators with full face protection



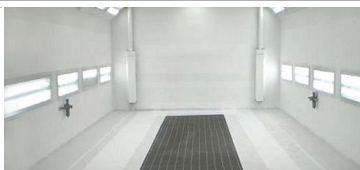
• Reusable Coveralls



• Safety Gloves



Prerequisite for best results & quality



- Apply Dirt Trap Protection Material in order to keep a clean environment in the spray booth
- Use 3M Protective Coveralls to protect the operator and get a cleaner job.



3M™ Protective Coverall 4540+



3M™ Dirt Trap Protection Material

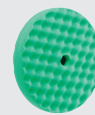
Determination of colour



- Use the 3M™ Perfect-It™ Fast Cut Plus Extreme Rubbing Compound to remove paint and surface exposure for an accurate colour 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™ Ultra fine Machine Polish (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

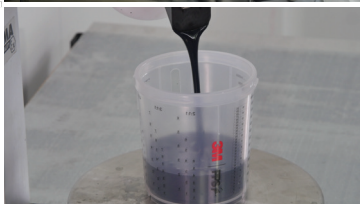


3M™ Perfect-It™ Fast Cut Plus Extreme



3M™ Quick Connect Green Convuluted Foam Pad

1 Mixing of base coat



- Different 3M™ PPS™ Series 2.0 sizes are available to suit the most common repairs sizes in your shop.
- By using 3M™ PPS™ no additional mixing cup is needed. Refilling of the paint into the spray gun is not necessary.
- As the filter is directly integrated to the 3M™ PPS™ Series 2.0 lid, no additional filtering stage is required.
- Note: Selection of the right PPS™ cup size to match the size of the repair will help reduce the chance of overmixing the base coat material.



3M™ PPS™ Series 2.0 Spray Cup System Kit / Large 850ml, Standard 650ml / Midi 400ml, Mini 200ml



3M™ PPS™ Lid & Liner Dispensers

2 Setup 3M™ Performance Spray Gun



- Pull the trigger back
- Turn the locking collar to the “+ configuration”
- Slide the atomising head over the fluid needle and push towards the spray gun body. Follow Paint Company recommendations to select the atomising head size
- Secure the atomising head by rotating the locking ring clockwise until the locking ring tabs are in the “X configuration”
- HVLP max inlet pressure 1.38bar (20psi). Fine Finish Operating Pressure 2.0 bar (29psi)
- The Operating Pressure Range is 0.5bar (7 psi) – 2.6 bar (37 psi) max



3M™ Performance Spray Gun



3M™ Performance Gravity HVLP Atomising Heads , 1.2, 1.3, 1.4, 1.6, 1.8, 2.0mm



3M™ Performance Gravity Fine Finish Atomising Heads 1.2, 1.3, 1.4

3 Base Coat Application



- Follow paint company recommendations for appropriate surface cleaning techniques and cleaner
- For final cleaning step, wipe the panel down a lint free tack cloth.
- Always follow paint company recommendations regarding basecoat application process
- When finished spraying, disconnect airline, invert gun and pull trigger to return excess paint to the cup. Gently tap PPS™ cup on a surface to help break surface tension of liquid and allow it to flow back into the liner

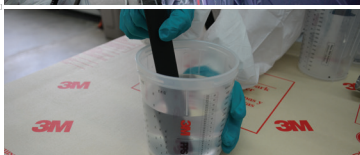


3M™ Professional Panel Wipes



3M™ Tack Cloth Aqua

4 Mixing of clear coat



- Different 3M™ PPS™ cup sizes allow for on demand mixing of the clear, depending on the size of the repair.
- Note: Modern clear coat technologies require mixing on demand, due to the accelerated nature of the catalysation of these clears. Select the right size cup for the repair, to prevent spraying product that starts to catalyse during the spray application. This is especially important for large repairs.



3M™ PPS™ Series 2.0 UV Kit / 3M™ PPS™ Series 2.0 Spray Cup System



5 Clear Coat Application



- Always follow paint company recommendations regarding clearcoat application process
- 3M™ PPS™ Series 2.0 and 3M™ Performance Spray Gun considerably reduces the cleaning work required, while also reducing your solvent consumption and exposure.
- Tip: Consult paint or solvent Safety Data Sheets (SDS) in addition to local regulations or authorities for safe use and proper disposal



3M™ PPS™ Series 2.0 UV Kit / 3M™ PPS™ Series 2.0 Spray Cup System



6 Cleaning 3M™ Performance Spray Gun



- Clean the nozzle while still on the gun with 3M™ High Power Spray Gun cleaner
- Pull the trigger back, rotate the locking collar counter-clockwise to the “X configuration”, pull the atomising head away from the gun body
- Clean the needle with a solvent cross linked cloth
- Put on a new nozzle or the cleaned nozzle to store the 3M™ Performance Spray Gun
- 3M™ Performance Spray Gun & PPS™ reduces gun cleaning time considerably and lowers your solvent consumption and exposure.



3M™ Professional Panel Wipes



3M™ High Power Spray Gun Cleaner

7 Forced drying



- Follow paint company recommendations with regards to panel temperature and drying time
- Note: Following paint manufacturers guidelines to drying is critical for any paint finishing properties of the surface that need to be conducted post painting. Forced drying accelerates the finish process and ensures an even drying across the panels sprayed. Its is easier to conduct paint finishing on a clear coat that has cured fully and evenly.