3M 1-Step Polishing Process

PERSONAL SAFETY





Hearing Protection



Comfort Goggles



• Reusable Overall





Defects Spot Sanding

Defects

Area

Sanding



► Denib with 3M[™] Finesse-it[™] Trizact[™] film disc, 32mm grade 3000 on denib tool.







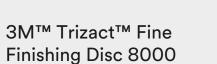
3M™ Mini Orbital Sander, Air Pressure



► Refine scratches with 3M[™] Trizact[™] Fine Finishing Disc 443SA, grade 8000, 75mm on orbital sander.



A5 Discs 3000





Festool LEX 3 77



► Sand the area with 3M[™] Hookit[™] Purple Finishing Film Abrasive Disc 260L, grade P1500 - P2000.



3M™ Hookit™ 260L+



Festool LEX 3 150/3





► Refine scratches with 3M[™] Trizact[™] Fine Finishing Disc 443SA, grade 3000, 150 mm on orbital sander.

► Refine scratches with 3M[™] Trizact[™] Fine Finishing Disc 443SA, grade 8000, 150 mm on orbital sander.



3M™ Trizact™ Fine Finishing Disc 3000



3M™ Trizact™ Fine Finishing Disc 8000





► Add a small amount of 3M[™] Perfect-It[™] 1-Step Finish Material to a purple foam pad on the rotary polisher.

► Polish in an overlapping pattern with rotary speed: 600 - 1400 rpm.

▶ When polishing always try to keep the pad flat on the surface to avoid jumping. Reduce pressure towards the end of the compounding stage to enable easy clean up.

Note: The softer the coating, the lower the temperature and thus the RPM needs to be.



3M™ Perfect-It™ 1-Step Finishing **Hookit Convoluted**



Purple Polishing

Foam Pad

3M™ Perfect-It™ **Quick Connect**

Double Sided

Polishing Foam Pad



Perfect-It™ Pink High Purple Convoluted Performance

Microfiber

Ultra Soft Cloth

Festool **SHINEX**

RAP 150





Should sanding scratches from the first polishing step still be visible after controlling the surface, please repeat polishing step!

Note: It's important to ensure that you remove all sanding scratches at this stage, in order to avoid their reapperance at the end of the polishing process.

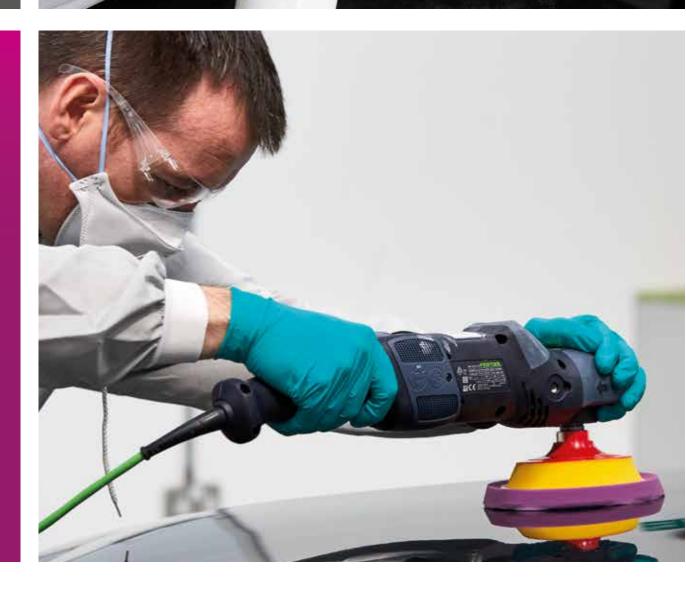


Material

3M™ Perfect-It™ Finish Control Spray

3M[™] Professional Panel Wipes





- ► Re-Polish the area to ensure a high gloss finish is achieved, with no additional compound onto the foam needed.
- ► Polish area and surrounding in an overlapping pattern with rotary speed 600 - 1400 rpm.
- ► Keep the polishing pad flat on the surface to ensure an even apperance and glossy finish, reducing pressure towards the end of the polishing step.
- ► Wipe off any excess polish and inspect area most colours are fine now.
- ► For critical colours (very dark or black) remove the holograms with 3M[™] Perfect-It[™] Ultrafina SE Compound and blue polishing pads.



3M™ Perfect-It™ 1-Step Finishing Material

3M™ Perfect-It™ **Hookit Convoluted Quick Connect** Double Sided Purple Polishing Foam Pad Purple Convoluted Polishing Foam Pad



Pink High Performance Ultra Soft Cloth Microfiber