3M Car Body Repair Process

PERSONAL SAFETY



Hearing Protection

• Comfort Glogges

Reusable Workwear

Safety Gloves







► Sand down the area to be repaired to the bare metal substrate

- ► To remove coatings quicker, use the ROTEX motion setting
- ► To refine previous sanding scratches, switch to ROTEX orbital random motion, keeping the previous abrasive disc on the machine

Note: For aluminium substrates and workplaces, always use a pneumatic sanding tool such as Festool Automotive Systems LEX 3 150/7 and follow instructions of ATEX directive 94/9/EG for Zone 22 areas



3M™ Hookit™ Cubitron™ II 80+ - 120+ - 125mm

Festool RO 125 3M™ Hookit™ Cubitron™ II 80+ - 120+ - 150mm

Festool LEX 3 150/7



► Degrease the surface



3M[™] General Purpose Adhesive Cleaner

3M[™] Professional Panel Wipes



-Sanding of filler area



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o the filler area	 Flat sanding of the filler area To remove coatings quicker, use the ROTEX motion setting To refine previous sanding scratches, switch to ROTEX orbital random motion, keeping the previous abrasive disc on the machine 	M [™] Hookit [™] Cubitron [™] II 80+ - 120+ - 125mm	Festool RO 125 3M™ Hook Cubitron™ 80+ - 120+	it™ II - 150mm
the surface	Thoroughly degrease the surface	Image: Sector of the sector	With the second seco	
Jptional - second ayer application	 Apply a further layer of 3M[™] FC Epoxy Metal Filler if necessary and repeat drying and sanding steps as recommended in the previous steps Maximum finished thickness should not exceed 4-6 mm, maximum layer thickness should not exceed 2-3 mm Follow car manufacturer and paint company recommendations for subsequent steps 	WTM FC Epoxy Metal Filler	3M [™] Static Mixing Nozzle	M™ High Power Manual Gun

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