

3M Science.
Applied to Life.™



NEW

3M Automotive Aftermarket Division

Faster than ever for the Bodyshop.

The new Fast Cure
3M™ Epoxy Metal Filler.

3M™ Fast Cure Epoxy Metal Filler – Easy to apply.

High quality repair for sustainable quality.

The new Fast Cure Epoxy Metal Filler is suitable for surface damage, in the form of dents, deformations or welded parts. With room temperature processing, 3M™ Fast Cure Epoxy Metal Filler replaces conventional processes with flame usage removed. This lead-free product complies with current EU regulations.

Properties

- ▶ Sandable after 20 minutes with accelerated drying; Air drying 4 hours (at 22°C)
- ▶ For steel, zinc and aluminium surfaces
- ▶ Very good sandability and excellent corrosion protection
- ▶ Material can be applied to and will adhere to itself

3M™ Fast Cure Epoxy Metal Filler 180ml cartridge including 1 mixing nozzle directly attached



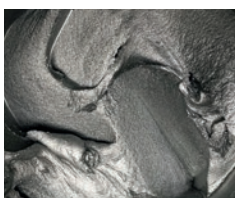
Properties

- ▶ Cost reduction through fast-drying curing process
- ▶ Required amount of material on demand
- ▶ Applied directly on the work surface



Classic tin soldering repair:

- ▶ Ingredients such as lead and tin are harmful to your health and do not meet the current EU regulations
- ▶ Processes with many individual steps provide an increased risk of error and extra cost



Traditional polyester filler:

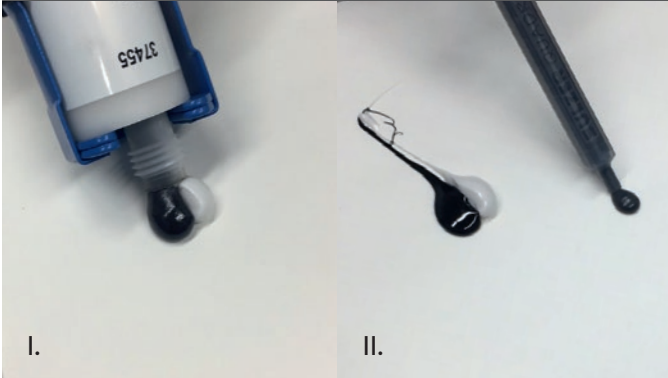
- ▶ Polyester material is hygroscopic versus Epoxy resin material => corrosion protection
- ▶ Epoxy material gives superior corrosion protection
- ▶ Manually mixing leads to excessive waste. The 3M™ applicator minimises waste of material

Fast drying. Safe process.

Processing equipment:

Needs either a pneumatic applicator (with piston rod) or manual applicator (with reinforced lever) for viscous materials.

1. Calibration



Always ensure to use completely mixed product, the colour should be uniformly grey.

- I. Dispense material until both components emerge evenly (do this once with every new cartridge)
- II. Attach the 3M™ mixing nozzle (51875) and dispense material until thoroughly mixed and a uniform grey colour has been achieved. Discard the first centimetre of the mixed material on 3M™ Large Paper Mixing Board (20382)

2. Material application



Make sure that the tip of the nozzle is always immersed in the product. Place individual material beads directly into each other to avoid air inclusion.

Processing time: 20 minutes at room temperature (22°C).

3. Curing



To speed up the curing process, heat panel for 15 to 20 minutes at 70°C or at room temperature for 4 hours at 22°C (depending on the thickness of the layer).

4. Sanding



For a smooth surface, please sand with 3M™ Cubitron™ II 80+ (51369) to 120+ (51370).

Follow the steps in the following sanding process.

Further processing:

After accelerated curing, allow cooling time of approx. 5 minutes before sanding.

For the optimal surface structure, use 3M™ filler spreader (00358) and follow the steps in the recommended 3M sanding process. Then follow your paint manufacturer recommendations for paint application.

3M™ Fast Cure Epoxy Metal Filler

Ordering information

Part No.	Description	Countenance	Minimum order	Quantity per shipper
37455	3M™ Fast Cure Epoxy Metal Filler	180ml	1 cartridge + 1 nozzle	6 cartridges + 6 nozzles
51875	3M™ Static Mixing Nozzle for 37455	-	1 bag of 10 nozzles	5 bags of 10 nozzles
08984	3M™ Adhesive Cleaner	1 litre	1 bottle	12 bottles
34567	3M™ Panel Wipes Dispensing box of 400 sheets	29 × 37cm	1 box of 400 sheets	1 box
00357	3M™ Plastic Spreader 3 spreaders per bag	70 × 125mm	1 bag of 3 spreaders	12 bags of 3 spreaders
20382	3M™ Large Paper Mixing Board	254 × 330mm	1 Mixing Board	12 Mixing Boards
09560	3M™ Dry Guide Coat Black	50 grams	1 Dry Guide Coat	10 Dry Guide Coat

Process posters available separately



Automotive Aftermarket Division

3M United Kingdom PLC
3M Centre, Cain Road
Bracknell, Berkshire RG12 8HT
Tel: 0845 603 9714

3M Ireland Limited
The Iveagh Building, The Park
Carrickmines, Dublin 18
Tel: 1 800 320 500

aaduenquiries@mmm.com
www.3M.co.uk/bodyshop

Please recycle. Printed in the UK. 3M and Cubitron are trademarks of 3M Company. © 3M 2019. All rights reserved. J447589