

3M Paint Finishing Selection Guide



3M™ Perfect-It™
Random Orbital System

Choose the paint finishing system that's right for you.



3M™ Perfect-It™
Rotary Colour Coded System

3M Paint Finishing Selection Guide

All questions need to be answered to get to a solution.

Question

Select the answer (choose one answer for each)

| | | | |
|------------|---|-------------------|--------------------------|
| 1. | How soon after painting do you begin the polishing process? | same day | over night/over 24 hours |
| 2. | What type of clearcoat do you work with? | easier to polish | harder to polish |
| 3. | Do you use traditional oven baked clearcoat or air dry/low energy? | traditional | air dry/low energy |
| 4. | Would you prefer less time spend on sanding, or less time spent on compounding? | less time sanding | less time compounding |
| 5. | Are you typically working on large or small areas? | large | small |
| 6. | Do you commonly experience flatting marks and swirlmarks/holograms? | yes | no |
| 7. | Do you commonly experience burn through? | yes | no |
| 8. | Would you benefit from a easier to learn system? | yes | no |
| 9. | Are are you looking for simplicity when having a polishing system? | yes | no |
| 10. | Would you value faster job turnaround by reducing rework? | yes | no |

Consider this portfolio

Learn more about each solution by clicking on the relevant tab above.

Select your system



**3M™ Perfect-It™
Random Orbital System**



**3M™ Perfect-It™
Rotary Colour Coded Polishing**

3M™ Perfect-It™ Random Orbital System



Refinishing. Redefined.

The 3M™ Perfect-It™ Random Orbital System – a professional-grade set of tools, pads and polishes – typically used in detailing shops, re-engineered for the collision repair industry. An unconventional, but welcomed change in process that allows you to get that show room shine, as if the car had never been touched. It's paint finishing redefined.

- ▶ Consistent Swirl-Free Finish
- ▶ Avoid Burn Through and Rework
- ▶ Designed For All Skill Levels

Select 3M™ Perfect-It™ Random Orbital Full System or 3M™ Perfect-It™ Random Orbital Spot Repair System based on your goal.

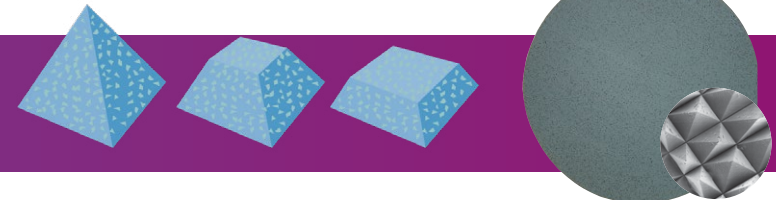
- ▶ For better finish, please use our [tips for perfection](#).



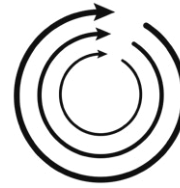
3M™ Perfect-It™ Random Orbital System - Standard Operating Procedure Video



Discover more about **3M™ Trizact™ Abrasives** [here](#).



3M™ Perfect-It™ Rotary Colour Coded System

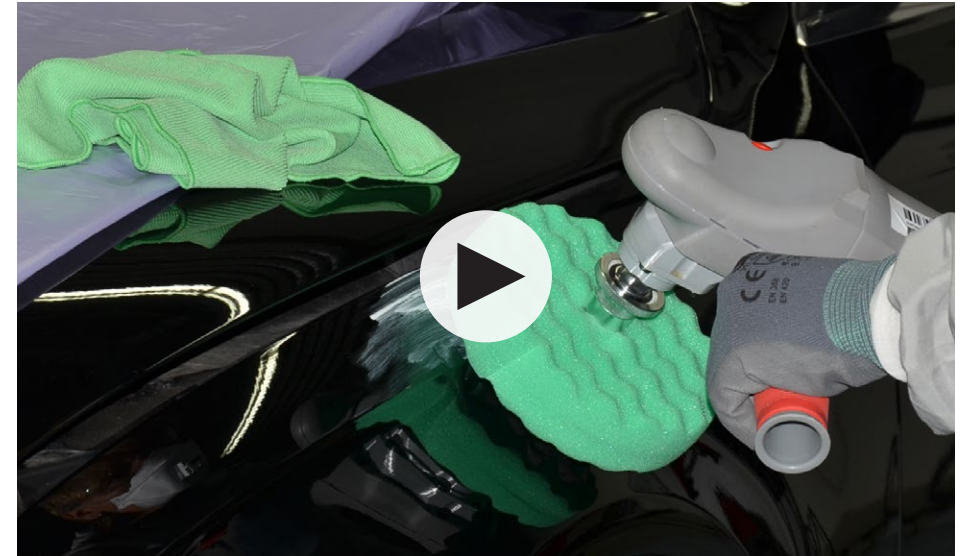


High cutting power.

Use the 3M™ Perfect-It™ Rotary Colour Coded System to obtain a high gloss, defect free surface for more cured, higher cross-linked clearcoats. The products are designed to complement each other, and our colour coding system ensures that you use the correct liquid with its corresponding foam pad for best results.

- ▶ Formula designed for high cutting power with great gloss results
- ▶ Great for use on all collision repair paints
- ▶ Get a fast, customer-perfect finish

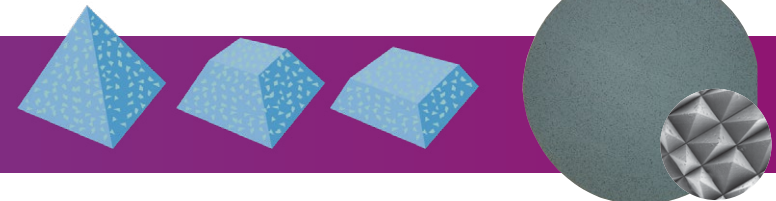
- ▶ For better finish, please use our [tips for perfection](#).



3M™ Perfect-it™ Rotary Colour Coded System - Standard Operating Procedure Video



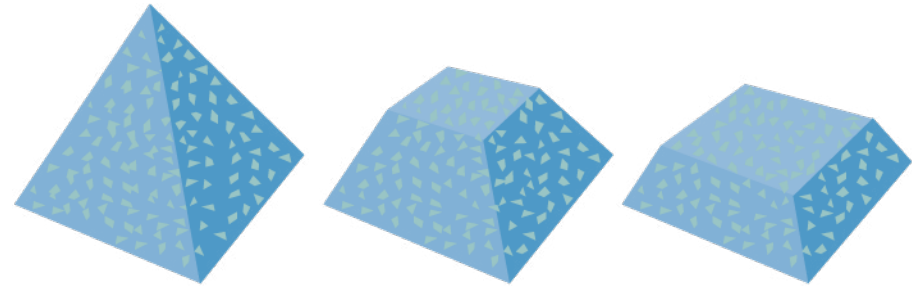
Discover more about **3M™ Trizact™ Abrasives** [here](#).



3M™ Trizact™ Abrasives

Abrasion of exception

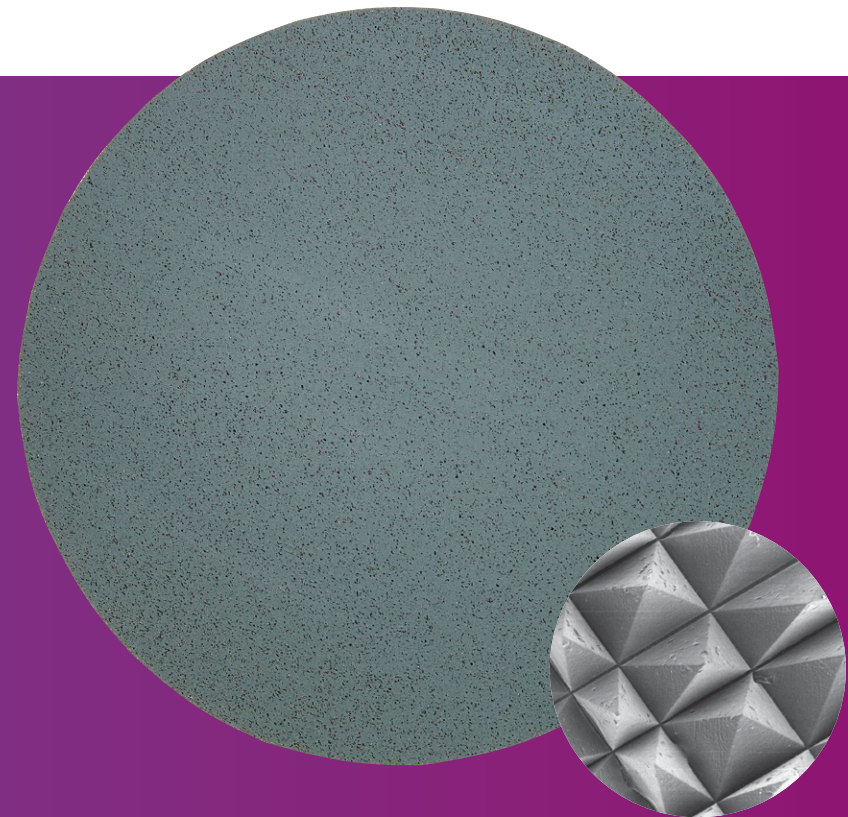
3M™ Hookit™ Trizact™ Fine Finishing Foam Discs reduce the amount of time spent on paint polishing. By adding this innovative product to our range, we have reinvented the process for fresh paint rectification, delivering better results and helping bodyshops improve both cycle time and customer satisfaction.



Cleaner, faster, more efficient

- Pyramid structure.
- Reduced process time.
- Consistent finish and durable gloss after polish, which can help reduce dieback and returns.
- Consistent, uniform and reproducible finish.
- Extended life.
- Foam support provides control and consistent contact with the painted surface.

3M™ Trizact™ Abrasives are available as 75 mm & 150 mm discs.



Product summary

3M™ Perfect-It™ Random Orbital System



| Application | Description | Part.-Nr. |
|---|---|-------------|
| Scratch Refinement Foam Abrasives | 3M™ Trizact™ Abrasive Disc 466LA, 31.7 mm, P3000, 50079 | 50079 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 75 mm, 3000, 50415/02087 | 50415/02087 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 75 mm, 8000, 30804 | 30804 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 150 mm, 3000, 50414/02085 | 50414/02085 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 150 mm, 8000, 30806 | 30806 |
| Power Sanders | Festool Automotive Systems Compressed Air Eccentric Sander LEX 3 77/2.5, 202793 | 202793 |
| Random Orbital Polisher | 3M™ Perfect-It™ Random Orbital Polisher, 15 mm, 230 V, 50 Hz, Plug F (Majority of European Countries), 34102E | 34102E |
| | 3M™ Perfect-It™ Random Orbital Polisher, 21 mm, 230 V, 50 Hz, Plug F (Majority of European Countries), 34103E | 34103E |
| | 3M™ Perfect-It™ Random Orbital Polisher, 15 mm, 230V, 50Hz, Plug G (UK), 34104E | 34104E |
| | 3M™ Perfect-It™ Random Orbital Polisher, 21 mm, 230V, 50Hz, Plug G (UK), 34105E | 34105E |
| | 3M™ Perfect-It™ Random Orbital Polisher, 15 mm, 230V, 50Hz, Plug C (CH), 34144E | 34144E |
| | 3M™ Perfect-It™ Random Orbital Polisher, 21 mm, 230V, 50Hz, Plug C (CH), 34145E | 34145E |
| Random Orbital Liquids | 3M™ Perfect-It™ Random Orbital Compound, 473 ml, 34130E | 34130E |
| | 3M™ Perfect-It™ Random Orbital Polish, 473 ml, 34133E | 34133E |
| | 3M™ Perfect-It™ Random Orbital Compound, 946 ml, 34131E | 34131E |
| | 3M™ Perfect-It™ Random Orbital Polish, 946 ml, 34134E | 34134E |
| Random Orbital Wool Pads | 3M™ Perfect-It™ Random Orbital Wool Compounding Pad, Coarse, White, 130 mm (5 in), 34120 | 34120 |
| | 3M™ Perfect-It™ Random Orbital Wool Compounding Pad, Medium, White, 130 mm (5 in), 34121 | 34121 |
| | 3M™ Perfect-It™ Random Orbital Wool Compounding Pad, Coarse, White, 150 mm (6 in), 34124 | 34124 |
| | 3M™ Perfect-It™ Random Orbital Wool Compounding Pad, Medium, White, 150 mm (6 in), 34125 | 34125 |
| Random Orbital Foam Pads | 3M™ Perfect-It™ Random Orbital Foam Compounding Pad, White, 130 mm (5 in), 34122 | 34122 |
| | 3M™ Perfect-It™ Random Orbital Foam Compounding Pad, White, 150 mm (6 in), 34126 | 34126 |
| | 3M™ Perfect-It™ Random Orbital Foam Polishing Pad, Purple, 130 mm (5 in), 34123 | 34123 |
| | 3M™ Perfect-It™ Random Orbital Foam Polishing Pad, Purple, 150 mm (6 in), 34127 | 34127 |
| Random Orbital Polisher Back Up Pads | 3M™ Perfect-It™ Random Orbital Polisher Back-up Pad, 130 mm (5 in), 34128 | 34128 |
| | 3M™ Perfect-It™ Random Orbital Polisher Back-up Pad, 150 mm (6 in), 34129 | 34129 |
| Control Spray | 3M™ Perfect-It™ Finish Control Spray, 55535 | 55535 |
| High Performance wipes | 3M™ Perfect-It™ Ultra Soft Cloth, Yellow, High Performance, 50400 | 50400 |
| | 3M™ Perfect-It™ Ultra Soft Cloth, Blue, High Performance, 50486 | 50486 |
| | 3M™ Polish Rosa Ultra Soft Polishing Cloth, Pink, 50489 | 50489 |

Product summary

3M™ Perfect-It™ Rotary Colour Coded System for Rotary Polisher



| Application | Description | Part.-Nr. |
|--|---|-------------|
| Scratch Refinement Foam Abrasives | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 75 mm, 3000, 50415/02087 | 50415/02087 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 75 mm, 5000, 30362 | 30362 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 75 mm, 6000, 51131 | 51131 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 150 mm, 3000, 50414/02085 | 50414/02085 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 150 mm, 5000, 30662 | 30662 |
| | 3M™ Trizact™ Hookit™ Foam Abrasive Disc 443SA, 150 mm, 6000, 51130 | 51130 |
| Colour Coded System Liquids | 3M™ Perfect-It™ Fast Cut Plus Extreme, 1 kg, 51815 | 51815 |
| | 3M™ Perfect-It™ Extra Fine Plus Compound, 1 L, 80349 | 80349 |
| | 3M™ Perfect-It™ Ultrafina SE Polish, 1 L, 50383 | 50383 |
| Colour Coded System Pads | 3M™ Perfect-It™ Foam Compounding Pad, Green, Flat, 150 mm, 50487 | 50487 |
| | 3M™ Perfect-It™ Polishing Pad, Yellow, Convolute, 150 mm, 50488 | 50488 |
| | 3M™ Perfect-It™ Ultrafine Polishing Pad, Blue, Convolute, 150 mm, 50388 | 50388 |
| Colour Coded System Quick Connect Pads | 3M™ Perfect-It™ Foam Compounding Pad, Quick Connect System, Green, Convolute, 150 mm, 50962 | 50962 |
| | 3M™ Perfect-It™ Foam Compounding Pad, Quick Connect System, Green, Flat, 150 mm, 50878 | 50878 |
| | 3M™ Perfect-It™ Foam Polishing Pad, Quick Connect System, Yellow, Convolute, 150 mm, 50879 | 50879 |
| Quick Connect Adaptors | 3M™ Perfect-It™ Quick Connect Adaptor, M14, 33271 | 33271 |
| | 3M™ Perfect-It™ Quick Connect Adaptor, 5/8 in, 05752 | 05752 |
| Control Spray | 3M™ Perfect-It™ Finish Control Spray, 55535 | 55535 |
| High Performance Wipes | 3M™ Perfect-It™ Ultra Soft Cloth, Yellow, High Performance, 50400 | 50400 |
| | 3M™ Perfect-It™ Ultra Soft Cloth, Blue, High Performance, 50486 | 50486 |
| | 3M™ Polish Rosa Ultra Soft Polishing Cloth, Pink, 50489 | 50489 |

Tips for Perfection

Usage of 3M™ Trizact™ Abrasives

- Do not keep Trizact™ abrasives in a bucket filled with water, use it damp.
- Apply a light spray of clean, fresh water with a spraybottle to Trizact™ disc and panel.

Watch video-tip:

How to use 3M™ Trizact™ Abrasives for denibbing

- Trizact™ abrasives sanding should be carried out damp rather than wet, do not saturate the panel with water, further water can be applied during process as required.
- Apply moderate pressure.
- Sand in a standardised pattern to ensure all areas are fully refined, move in a north, south then east, west pattern with at least 50% overlap. Ensure at least 6 passes have been completed.
- Wipe clean to remove all sanding debris.
- Optional use of interface pad of working on curved areas

Watch video-tip:

How to sand with the 3M™ Trizact™ Abrasives 8000 Disc 443SA

Standard Operating Procedure Videos

3M™ Perfect-It™ Random Orbital System

3M™ Perfect-it™ Rotary Colour Coded System



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Handling of 3M™ Perfect-It™ Fast Cut Plus Extreme

- Apply liquid to compounding pad, not panel. Use less liquid than traditional compounds -less is more! Best to apply 4 dots in the center.

Watch video-tip: [How to apply liquid to a new rotary compounding pad](#)

- Clean pad regularly with spurring brush or warm water by hand.

Watch video-tip: [How to clean a wool compounding pad](#)

Watch video-tip: [How to clean a foam compounding pad](#)

- Use 3M™ Perfect-It™ Finish Control Spray after compounding process to ensure no sanding scratches remain
- Compound with medium down pressure in an up/down/left/right motion covering sanded areas.
- Check panel temp with back of hand for warmth, if cool - speed up machine/slow down movement, if hot - move elsewhere and allow to cool.

Watch video-tip:

How to polish with the 3M™ Perfect-It™ Random Orbital System

- To efficiently remove the wool pad ensure whole pad is gripped before gently pulling.

Watch video-tip:

How to remove pads from the 3M™ Perfect-It™ Random Orbital Polishing Machine



For additional information, including important safety and warranty information, regarding 3M Automotive Aftermarket Products, please visit: www.3M.co.uk/aad-info

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