



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 30/08/18

Automotive Aftermarket Division

3M™ 51816/51815 Perfect-it™ Fast Cut Plus Extreme

1) Part Numbers

3M™ Perfect-it™ Fast Cut Plus Extreme	PN 51816	500 g
3M™ Perfect-it™ Fast Cut Plus Extreme	PN 51815	1 kg

2) Description and end uses

3M™ 51816/51815 Perfect-it™ Fast Cut Plus Extreme is an aggressive abrasive liquid compound for use on refinish paints to remove abrasive scratches during the paint rectification process. It can also be used to remove oxidation, scratches, car wash scratches, etc, on original manufacturer's paints.

It is easy to clean up and has a longer working time than Fast Cut Plus.

Improved handling characteristics

- Use up to 30% less
- Very easy clean up
- Long working time
- Good Finish
- Can be “seen through” to check for any remaining sanding scratches before moving on to next step
- Low sling
- Can be use with or without water

3) Physical Properties

Container:	1 KG / 0.5KG bottle
Qty per box:	12 bottles
Flash point:	>100 °C closed cup
Colour:	White
Consistency:	Thick liquid with Pine oil odour



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Viscosity:	30,000-40,000 cps
pH:	8 - 9
% volatile:	20 % by weight
Mineral	Aluminium oxide

4) Directions for Use

3M™ Perfect-it™ Fast Cut Plus Extreme 51816/51815 is an easy to use aggressive abrasive liquid compound for use on refinish paints to remove scratches from P1200 to 3000 grade abrasives after sanding out defects during the paint rectification process. It can also be used to remove oxidation and scratches, car wash scratches, etc, on original manufacturer's paints.

3M™ 51816/51815 Perfect-it™ Fast Cut Plus Extreme is recommended to be used with an electric or air driven Polishing machine (900-1500 rpm) equipped with a 3M™ Perfect-It™ Compounding Sponge Pad. Can also be used on any industry typical foam or wool compounding pad.

- Shake bottle before use.
- Apply sufficient compound to the paint surface to work the flatted area, use up to 30% less than with existing compound. When starting with a dry compounding pad also apply compound direct to the pad to prime the pad.
- Place the pad on the panel and start the machine.
- Compound using medium pressure and reapply until the scratches are removed.
- 3M™ Perfect-It™ Fast Cut Plus Extreme has a long working time, minimal dusting and cleans up easily with a 3M™ Perfect-it™ High Performance Cloth.
- For improved finish follow with 3M™ Perfect-it™ III Extra Fine PLUS 80349, on a 3M™ Perfect-it™ III Polishing Pad 50488.
- Lastly, any compounding swirl marks can be removed using 3M™ Perfect-it™ III Ultrafina SE Polish 50383 on a 3M™ Perfect-it™ III High Gloss Pad 50388.
- Note: any excess compound on plastics, rubbers or adjacent panels should be removed using a damp High Performance Cloth on finishing.

5) Storage

Avoid frost
Store upright
Practical shelf life is 2 years



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6) Safety

Use:	Use only in well ventilated areas
Eye contact:	Avoid contact with eyes In case of contact with eyes rinse immediately with plenty of water and seek medical advice
Skin contact:	Avoid contact with skin After contact with skin wash immediately with plenty of soap and water
Ingestion:	If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label

3M™ Perfect-It™ Fast Cut Plus Extreme is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, 3M expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.



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For Additional Health and Safety Information

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