



Polishing and Accessories



About Mirka

Mirka Ltd is a family-owned Finnish company and a world leader in abrasives technology innovation. We offer a complete range of technically superior, high quality abrasives, innovatively designed tools, complete sanding systems and supplementary products. This total innovative solution delivers real benefits to customers in terms of speed, first-class efficiency, surface finish quality and cost

effectiveness, even when tackling the most demanding applications.

Mirka is the first company in its sector to obtain the three most important quality standards. The production process guarantees reliable quality by following the ISO 9001 quality assurance system. The OHSAS 18001 occupational health and safety management system ensures a high level of work safety. The ISO 14001 environmental

management system proves that we consider the environment in all our activities.

Read more: www.mirka.co.uk

Corporate Responsibility

CONTINUOUS IMPROVEMENT TOWARDS SUSTAINABILITY.

Changing conditions inspire us to improve and grow our business. We see that our customers are as interested in sustainability as we are. This is why our product development is focused on innovating the best sustainable products and systems, while continually improving our own environmental performance.

Our business is focused on providing the best surface finishing preparation tools and systems to customers. To be the most sustainable finishing systems provider, we are digging deep down to the core of our company to figure out what it really means to be sustainable. We have accomplished a great deal already and have many more

initiatives we will take on in the future.

For people working at Mirka, it has always been clear to not waste financial or material resources – of our own or those of our customers. We find it is equally clear to preserve the planet's resources. Sustainability is a natural extension of this approach. It means taking the economy, the earth, and people into consideration when we make business decisions – now and for future generations.

We are continuously looking for opportunities to reduce our environmental footprint – this aligns with our company values and also cuts costs. We have worked hard to conserve energy and raw materials, reduce waste, increase recycling, and decrease the use of persistent chemicals. We are developing healthier, safer, and more

efficient products and processes so that our customers and employees will benefit. For example, our dust-free sanding systems help protect the lungs of workers while giving a cleaner and better surface finish.





Mirka Polishing and Accessories

The objective of polishing is similar to sanding, to make a rough surface smooth. Mirka's Polarshine polishing compounds are developed for demanding polishing operations in any application where a high gloss end result is important. The Polarshine product range consists of polishing and finishing compounds from coarse through to fine grades and is, when combined with Mirka polishers and pads, ideal for producing a high quality result.

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Compounds



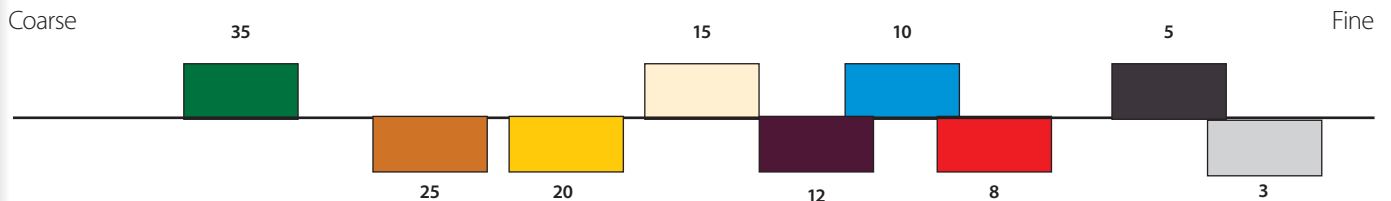
Polishing compounds contain abrasive particles suspended in a liquid, used to enhance different types of paint / composites / resins and clearcoats.

Cutting compounds are products that contain coarse & medium abrasive particles of different sizes depending on the cut required.

Waxes do not contain abrasives. They are used to protect the surface from ultraviolet light, water and dirt particulars after polishing.

Our range of compounds and polishes can be used in all types of industry.

Compound grades



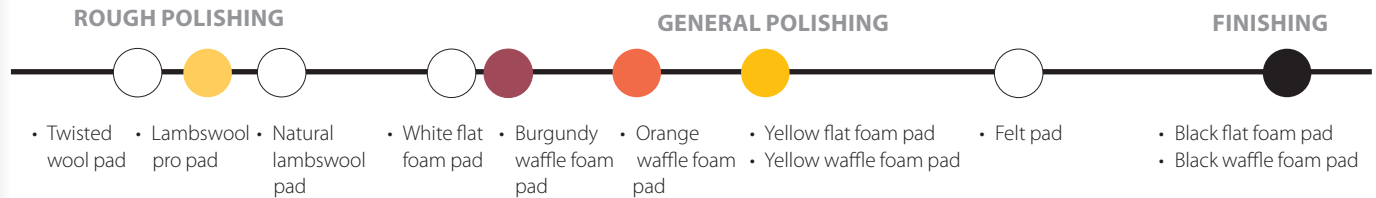
Technical Details

Compound	3	E3	5	8	10	12	15
Grain	Aluminium Oxide	Cirium Oxide	Aluminium Oxide	Aluminium Oxide	Aluminium Oxide	Aluminium Oxide	Siliceous Earth
VOC	207 g/l	< 1%	23%	23%	23%	~23%	15 – 20 %
Silicone	0%	0%	0%	0%	0%	0%	0%
Colour	White	Goldenrod	White	White	White	White	Cream
Fragrance	Mild	Mild	Mild	Mild	Mild	Mild	Mild
Viscosity	20.5 Pas	4-5 Pas	20.5 Pas	~35000 cP	~35000 cP	20.5 Pas	~25000 cP
Density	0.95 kg/l	1.0 kg/l	1.05 kg/l	1.05 kg/l	1.05 kg/l	1.05 kg/l	1.35 kg/l
Packaging	1L 2.5L	1L 2.5L	1L 2.5L	1L 5L	250ml 1L 5L	1L 2.5L	1L 2.5L 1 Gallon 17L 180L

Compound	20	25	35
Grain	Aluminium Oxide	Aluminium Oxide	Aluminium Oxide
VOC	16%	~22%	~22%
Silicone	0%	0%	0%
Colour	White	White	White
Fragrance	Mild	Mild	Mild
Viscosity	> 20.5 Pas	~25000 cP, dilutable with water or butyl glycol	~15000 cP, dilutable with water or butyl glycol
Density	1.2 kg/l	1.42 kg/l	1.44 kg/l
Packaging	1L 2.5L 1 Gallon 17L 180L	1L 2.5L 1 Gallon 17L 180L	1L 2.5L

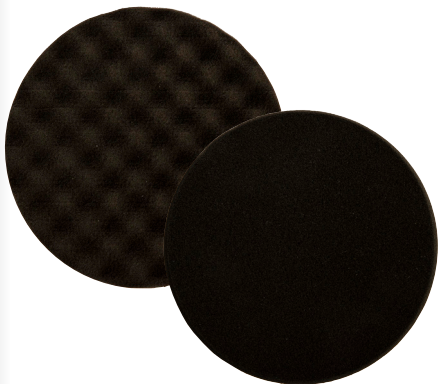
Polishing Pads

Polishing pad types



Burgandy Foam

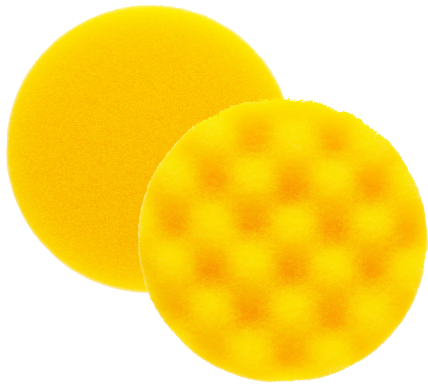
Mirka burgundy waffle pad is suitable for hard and medium hard coatings, providing a fast cut with good gloss. The burgundy foam is stronger than our yellow waffle foam providing a stable polishing process.



Black Foam

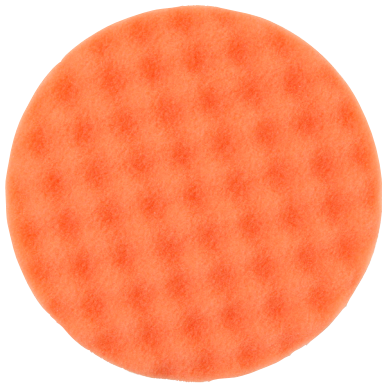
This foam pad for hologram removal gives an excellent finish on both fresh and fully cured paint works. The good balance between elasticity and density in the foam contributes to the final result. The pad is available as a waffle shape and with a flat surface. The pads are designed to be used in combination with Polarshine® finishing compounds 5, F05, VF5 and with Polarshine® 3 Nano wax.





Yellow Foam

The durable foam has an excellent elasticity, which remains during usage, and is available as a waffle shape and as a flat surface. The waffle shape has an optimised pattern which gives an improved cutting performance with long life and reduces the surface temperature during polishing. The pads are designed to be used in combination with Polarshine® polishing compounds, both for cutting with 15 and polishing with 10 and 8.



Orange Foam

The foam has an excellent balance in elasticity and softness which remains during usage, and is available as a waffle shaped pad. The waffle shape has an optimised pattern which gives an improved cutting performance with long life and reduces the surface temperature during polishing. The orange foam is softer than our yellow foam and leaves a better gloss and less holograms. Well suitable for softer clear coats and paints to achieve a perfect finish. The pads are designed to be used for polishing in combination with Polarshine® polishing compounds 12, 10 and 8.



White Foam

The hard white foam pad has better stability, which results in a faster cut and longer life. The white foam pad also cools down quicker, which enables the pad to keep it's stable and rigid structure. This pad is designed to be used with Polarshine® 25, 20 and 10.



Polishing Pads



Lambs wool

Mirka's basic natural wool pad is aimed for general purpose use.



Twisted lambswool

The twisted wool pad is a pure wool pad for coarser polishing. It is mainly used with Polarshine® polishing compounds 35 and 20.



Lambswool Pro

The pad is made of premium wool fibres. The wool fibers are optimised to keep the performance on a high level for demanding use. An excellent result is achieved when using the pad in combination with Mirka Polarshine® compounds 35, 15, 10 and 8.



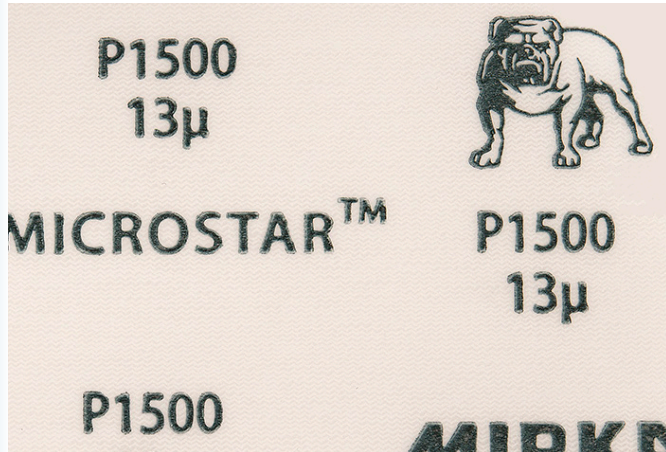


Felt Pad

This flat hard white felt pad is designed for glass polishing applications. The thick felt pad construction has a good balance and provides a stable feeling during polishing. The pad is designed to be used in combination with Polarshine® E3, which results in a good glass sanding process.

E3

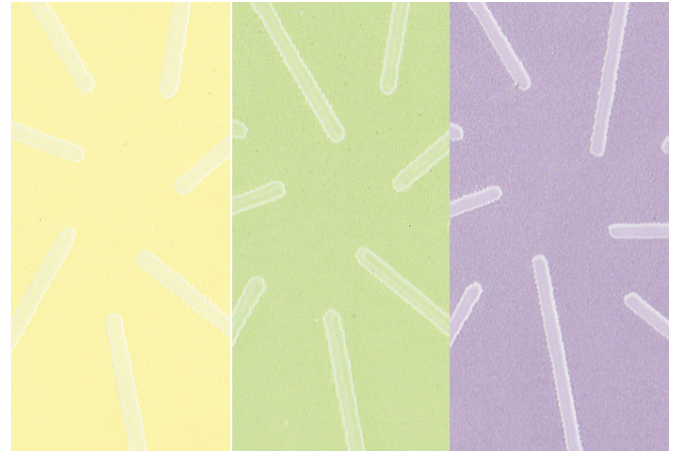
Abrasives



Microstar®

This abrasive film product, Microstar®, is designed for mattening and paint rectification of top and clear coat applications. Microstar has a special stearate layer and a smooth film backing. This product has a high quality finish and lasts longer as it doesn't clog as easily as traditional products. Microstar produces a fine scratch pattern that is easy to polish out. For a perfect result, it is recommended to use Microstar with a 5 mm interface pad. Microstar is developed for dry sanding only.

Grits P800 - P2500



Polarstar® SR

Polarstar® SR is the first in a series of high technology micro products produced by Mirka. This innovation curing technology is energy saving with a low carbon footprint. This sanding film is mainly developed for spot repair, used at car plants in the finessing area of the paint shops. The Polarstar SR products are also used in the automotive refinish processes. This product is primarily designed for wet sanding, for correction of small painting defects and removing of dust particles in top coats and clear coats. Suitable for both machine and hand sanding.

Grits SR5, SR7



Waterproof

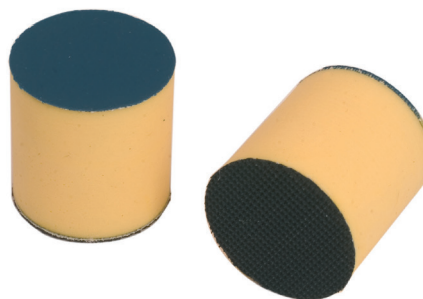
The recommended product for manual wet sanding of plastics, lacquers and composite materials, Mirka WPF features a latex paper backing material and extra durable coating which helps produce a high quality finish, even on coarser surfaces.

Grits P60 - P1200

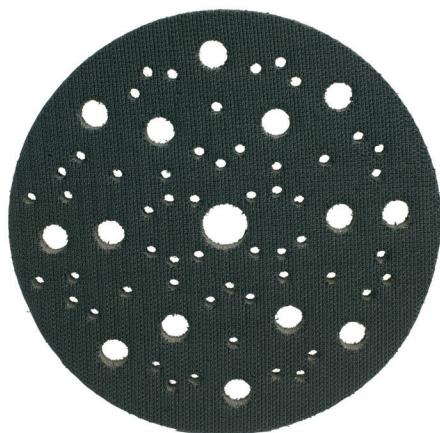
Accessories



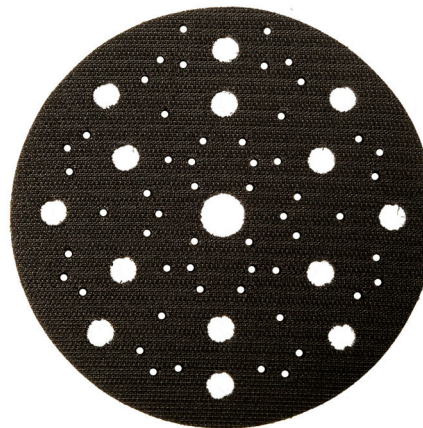
Hand tool for roses
8392300111



Hand tool for roses
8392100111



Interface pad, 150mm, 10mm
8295600111



Interface pad, 150mm, 5mm
8295650111



Finessing damper
9190101001



Rubber hand block
8390100111



Mirka shark blade
7872000111



Mirka mini file
7871100111

Accessories



Aquastar® handblock
8392202011

MIRKA GOLDEN FINISH SYSTEM

The Golden Finish System - the fast and simple post paint solution: 1-2-GO!
few products – fast process – easy and accurate

Our Golden Finish Kit Includes

- Polarshine® 20 250ml, 1 pcs
- Polarshine® 5 250ml, 1 pcs
- Golden Finish pad 1, 1 pcs
- Golden Finish pad 2, 1 pcs
- Golden Finish Abrasive 1, 1 pack (10 pcs of 150mm 15-hole discs)
- Golden Finish Abrasive 2, 1 pack (5 pcs of 150mm discs)
- Golden Finish SR, 1 envelope (100 pcs of 32mm PSA discs)
- Microfiber cloth yellow, 1 pack (2 pcs)
- Sanding & polishing process instructions



Mirka Code: KITGOLDEN

The Golden Finish System - the fast and simple post paint solution: **1-2-GO!**
few products – fast process – easy and accurate



Golden Finish 1:
Film product, 150 mm
for sanding large surfaces



Golden Finish 2:
Foam (soft) product, 150 mm
for conditioning of scratches



Golden Finish SR:
Microproduct, 32 mm
for sanding small defects

GOLDEN SANDING



Mirka® DEROS 650CV



Mirka® AOS-B 130NV



Golden Polish 1:
Yellow Polishing Pad
+ Polarshine® 20 (1 L, 250 ml)



Golden Polish 2:
Black Polishing Pad for dark surfaces
+ Polarshine® 5 (1 L, 250 ml)



Soft micro fiber cloth

GOLDEN POLISHING



Mirka® PS 1437

Electric Solution



Mirka® PS 1437

The Mirka Polisher features a powerful, high torque electric motor, along with a step-less switch and pre-selection of rotational speed which makes it possible to achieve the precise speed required when polishing. There's also a bail handle and a side handle for better control and a spindle lock to make pad changes easy. It's an excellent tool for polishing smaller surfaces and is designed to be used with a maximum 150 mm pad.

Mirka® PS 1437 Technical Details

Model	PS1437
Code	BMFC00087
Voltage	230v
Power Consumption	1400w
Speed	1100-3700 rpm
Thread	M14
Noise level	84 dBa
Vibration	3.0m/s ²
Weight	1.9 kg



Mirka® DEROS



Mirka® DEROS is the lightest random orbital sander on the market. Thanks to its high efficiency brushless motor, the Mirka DEROS also has plenty of power to get the job done quickly. Mirka DEROS now comes with smart features; it has an integrated vibration sensor and Bluetooth connectivity. Download the myMirka app on your mobile phone and you can monitor the vibration levels of your Mirka DEROS in real time. By keeping track of vibration levels, you can make informed decisions that affect your health.

Mirka® DEROS Technical Details

Model	DEROS 625CV
Code	BMFC00089
Size	150mm
Power	350w
Input Voltage	220-240 v
Speed	4,000-10,000 rpm
Orbit	2.5mm
Weight	1.0 kg
Height	95mm
Noise level	71 dBa
Vibration	2.4m/s ²
Packaging	Cardboard box

Electric Solution



Mirka® CEROS

Being electric makes Mirka® CEROS conventional and practical to use in any location where a power source is available – even in remote areas or where space is severely restricted. The optimised ergonomics ensure it's comfortable to grip, while the low profile design and very light weight allow easy manoeuvrability and greater control over the end finish. The Mirka CEROS is a dual-voltage machine, which means it can be used as either a 110v or 240v sander.

Mirka® CEROS Technical Details

Model	CEROS 325CV	CEROS 625CV
Code	MIM3252011UK	BMFC00057
Size	77mm	150mm
Power	350w	350w
Voltage	90-240VAC	90-240VAC
DC Voltage	22 VDC	22 VDC
Speed	4,000-10,000 rpm	4,000-10,000 rpm
Orbit	2.5mm	2.5mm
Weight	0.70 kg	0.90 kg
Noise level	68 dBa	68 dBa
Vibration	5.2 m/s ²	2.71 m/s ²
Packaging	Cardboard box	Cardboard box



Mirka[®] CORDLESS

Power Tools

Mirka cordless sanders have a light weight design which allows them to be moved easily from job to job for more efficient use of the workspace available, while their compact ergonomic design provides users with a comfortable grip that will enable them to operate the products for a long period of time, while delivering good control over the sanding process. The machine has reduced noise and vibration levels to improve operator comfort.

Mirka Cordless Sanders Technical Details

Model	AOS-B 130NV	AROS-B 150NV
Code	BMFC00146	BMFC00147
Size	32mm	32mm
Weight	0.57 kg (inc battery)	0.56 kg (inc battery)
Voltage	10.8 VDC	10.8 VDC
Speed	4,000-8,000 rpm	4,000-8,000 rpm
Orbit	3.0mm	5.0mm
Size of Backing Pad	32mm	32mm
Sound pressure level (LpA)	61.2 dB(A)	61.6 dB(A)
Sound power level (LWA)	72.2 dB(A)	72.6 dB(A)
Sound measurement uncertainty (K)	3.0 dB	3.0 dB
Vibration emission value (Ah)	2.54 m/s ²	1.9 m/s ²
Vibration emission uncertainty (K)	1.5 m/s ²	1.5 m/s ²

Air Solution



Mirka® AP

The light and ergonomic angle polisher is equipped with a 77 mm backing pad. Mirka® AP 300NV possesses a low vibration level and the small size makes it easy to handle. The body provides the option of a two-hand grip. Another advantage is that the machine design allows easy maneuverability as the tool can easily be moved in different directions. The pneumatic polisher provides good visual control over the work and is ideal for spot repair polishing in automotive applications. For OEM applications the tool is ideal for polishing of composite and plastic parts and car bodies.

Mirka® AP Technical Details

Model	AP 300NV
Code	8992340311
Size	77mm
Speed	3,200 rpm
Air Consumption	626 l/min
Working Pressure	6.2 bar
Noise Level	76 dBa
Power	298 w
Vibration	1.34 m/s ²
Weight	0.66 kg
Backing Pad	77mm Grip 1/4"



Mirka® RPS

The light and ergonomic rotary polisher and sander enables efficient dust-free sanding in small areas. The pneumatic machine is equipped with a 77mm backing pad with six holes. Mirka® RPS 300CV can be used for a variety of applications. Another advantage is that the tool can be used for both sanding and polishing. Thanks to the small size, the rotary polisher is excellent for sanding of round shapes.

Mirka® RPS Technical Details

Model	RPS 300CV
Code	8992340111
Size	77mm
Speed	3,000 rpm
Air Consumption	481 l/min
Working Pressure	6.2 bar
Noise Level	78 dBA
Power	209 w
Vibration	2.86 m/s ²
Weight	0.63 kg
Backing Pad	77mm Grip 1/4", 6 hole

Air Solution



Mirka® PROS

Mirka® PROS is packed with clever features and attention to detail which has created an efficient and effective sanding tool. The innovative features include a 'brake seal' designed to deliver a variety of valuable performance benefits. For example, in contrast to conventional pneumatic random orbital sanders, the brake seal on the Mirka PROS makes the backing pad oscillate rather than free spin when holding the machine in the air.

Mirka® PROS Technical Details

Model	PROS 625CV
Code	8995625111
Size	150mm
Weight	0.90 kg
Air Consumption	485 l/min
Work pressure	6.2 Bar
Noise level	72.9 dBa
Vibration	2.3 m/s ²
Speed	12,000 rpm
Orbit	2.5mm
Dust System	Central vacuum ready
Packaging	Cardboard box



Mirka® ROS

Mirka® ROS sanders are effective and durable tools for professional sanding. They feature ergonomic design and lightweight, hi-tech materials to create tools with optimal strength and user comfort. These machines are built for maximum dust extraction even at low suction power and have a low noise level even when operating at their 12,000 rpm maximum.

Mirka® ROS Technical Details

Model	ROS 325CV	ROS 525CV	ROS 625CV
Code	8993325111	8992725111	8993025111
Size	77mm	125mm	150mm
Weight	0.57 kg	0.78 kg	0.85 kg
Air Consumption	481 l/min	481 l/min	481 l/min
Work pressure	6.2 Bar	6.2 Bar	6.2 Bar
Noise level	75 dBa	78 dBa	79 dBa
Vibration	3.2 m/s ²	2.29 m/s ²	2.14 m/s ²
Power	209w	209w	209w
Speed	12,000 rpm	12,000 rpm	12,000 rpm
Orbit	2.5mm	2.5mm	2.5mm
Dust System	Central vacuum ready	Central vacuum ready	Central vacuum ready
Packaging	Cardboard box	Cardboard box	Cardboard box

MIRKA



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Quality from start to finish

