

MIRKA



Abrasive Range


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 comprehensive and 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.

97 percent of our products are exported and sold across the globe through our subsidiaries and importers.

 **Read more: www.mirka.com**

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

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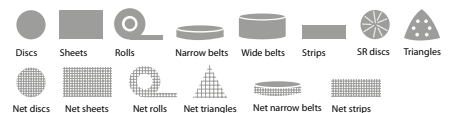
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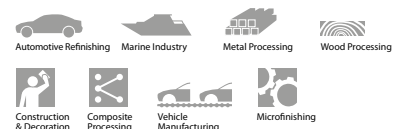
earth, and people into consideration when we make business decisions – now and for future generations.

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.

AVAILABLE AS



SUITED FOR



MIRKA SOLUTIONS

Mirka's unique concept of dust-free sanding, combined with our effective surface finishing solutions has replaced traditional sanding methods in many industries.



NO
DUST!

OPTIMISED SURFACE PREPARATION SYSTEM

Mirka's net abrasive success story took a big step forward when the ground breaking OSP (Optimised Surface Preparation) system recently was introduced to the market. The OSP system is a net sanding system solution for Automotive Refinishing, a simple standardised system with a clearly defined process and maximised performance. Easy to learn, with fewer steps than traditional systems and of course dust-free, like all Mirka's net abrasives.

MIRKA
OPTIMIZED
SURFACE
PREPARATION
SYSTEM





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NET BY MIRKA AND ABRANET®

MIRKA'S INNOVATIVE 'NET'

SANDING CONCEPT is unlike any other.

The patented construction consists of a dense network of polyamide fabric threads onto which the abrasive grit is bonded. This open weave, net structure means that no dust particle is more than 0.5 mm from a dust extraction hole. The result is phenomenal dust extraction across the entire abrasive surface and virtually dust-free sanding!

The exceptional dust extraction ability of Mirka's net abrasives has to be seen to be believed. Tests have shown that net abrasives produce a miniscule amount of dust compared to conventional dry sanding technology with extraction.

Mirka's net abrasives are so efficient at removing potentially dangerous sanding dust they minimise dust contamination in the workplace and create a far healthier environment. Moreover the products eliminate the frustrating problem of dust clogging the abrasive and creating pills which cause defects in the sanding surface. Therefore, Mirka's

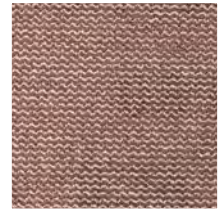
unique net abrasives retain their original aggressive sanding performance for far longer resulting in fewer abrasives being needed for a given job. Since dust is continuously being sucked away it's always possible to see exactly what is happening at the sanding surface. This gives the user greater control over the job and avoids problems such as over sanding.

Mirka's net abrasives are completely even. With thousands of holes they provide a phenomenal dust extraction. The maximum distance from each sanding particle to the closest dust extraction hole is 0.5 mm. Long-term investment in innovation pays off. Mirka was the first abrasives company in the world to develop a dust-free sanding system. It was a five-year process to bring this revolutionary technology to the market and almost ten years to gain buy-in to the market. It has been well worth it. Mirka's net abrasives have won many product innovation awards and have been a best seller across the globe.

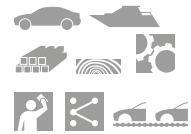


ABRANET®

The multifunctional and classic Abranet is especially developed for sanding putty, primers, lacquers, composite materials and a wide range of other materials for industrial use. Abranet combines high performance and a longer lifespan than traditional abrasives, making it a cost-effective solution. Designed for dry sanding by machine or by hand, its true dust-free sanding characteristics result in a cleaner work environment, as well as a better surface finish.



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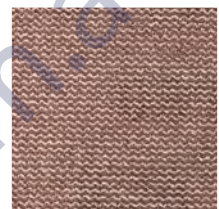


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Brownish
Grit range	P80–P180, P240, P320–P1000
Backing	PA net
Available as	



ABRANET® ACE

Abranet Ace is developed to achieve outstanding results on challenging surface conditioning and repair applications. Because of its optimised net construction and ceramic grains, Abranet Ace offers superior cut and performance for hardwoods (such as beech and oak) and fast cutting on various solid surface materials as well as for cleaning of different industrial rollers. Abranet Ace also works excellent on primer sanding applications.



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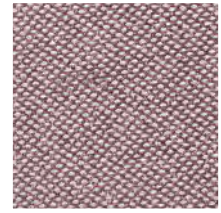
TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Ceramic (P80–P240)/Ceramic coated (P320–P1000)
Coating	Closed
Colour	Light maroon
Grit range	P80–P240, P320–P1000
Backing	PA net / PES net
Available as	




ABRANET® ACE HD

Abranet Ace HD is a durable and tough abrasive with ceramic grains. The strong net structure resists high wear and tear and the product is ideal for heavy-duty sanding applications. The tough backing increases the lifetime of the abrasive and makes the sanding process faster.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Ceramic
Coating	Closed
Colour	Brownish
Grit range	P40–P120
Backing	PA net
Available as	



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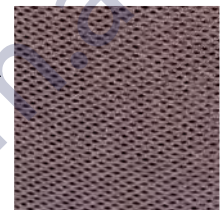
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ABRANET® MAX

Abranet Max is a universal net abrasive suited for a broad variety of sanding applications and is especially developed for the wood industry. Due to the net structure it resists clogging on resinous wood types or soft materials and the sanded surface stays cooler and avoids burning. The tough aluminium oxide grain gives a high cut rate on harder wood types and materials. The symmetric net structure enables an efficient cut and stock removal. Lower pressure is needed and a more consistent surface finish means minimal quality variations in the process when sanding with Abranet Max. The product offers an extreme long lifetime compared to conventional abrasive belts, which results in fewer belts being needed to complete the job and also cost savings and time efficiency because of less downtime in production due to changing of belts. The product is also well suited for applications where water is used as cooling agent.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Brownish
Grit range	P80–P240
Backing	PA net
Available as	



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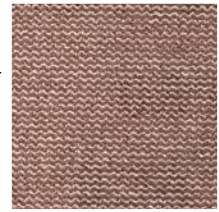
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ABRANET® NC

Abranet NC has been developed for sanding of material that must not be contaminated with corrosive agents. The preparation of corrosion sensitive surfaces requires abrasive products which contain the lowest possible amount of heavy metals. Special procedures are applied throughout the production process of Abranet NC to reduce the metal content and ensure consistent quality. Due to the construction, Abranet NC has significantly lower heavy metal content than the corresponding traditional products. Abranet NC is suitable for sanding of aluminium and painted aluminium parts within the automotive industry.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Brownish
Grit range	P80–P180, P240, P320–P600
Backing	PA net
Available as	



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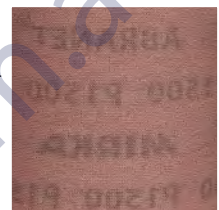
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ABRANET® NS

Abranet NS, a multifunctional net abrasive without stearate. A combination of high performance and a longer lifespan than traditional abrasives gives a cost-effective solution. Abranet NS is excellent for cleaning of different industrial rollers.

TECHNICAL SPECIFICATIONS	
Bonding	Resin
Grain	Aluminium oxide
Coating	Closed
Colour	Brownish
Grit range	P80–P180, P240, P320–P1000
Backing	PA net
Available as	




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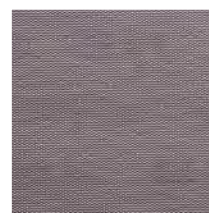
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ABRANET® SIC NS

Abranet SIC NS is a multifunctional net abrasive without stearate, developed mainly for glass sanding, but is also suitable for sanding of other hard surfaces like primers, clear coats and composites. A combination of high performance and a longer lifespan than traditional abrasives gives a cost-effective solution. The bonding is of resin type, and Abranet SIC NS is coated with an even, closed layer of silicon carbide grains.

TECHNICAL SPECIFICATIONS	
Bonding	Resin
Grain	Silicon carbide
Coating	Closed
Colour	Black
Grit range	P80–P400
Backing	PA net
Available as	



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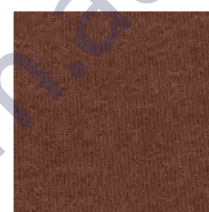
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ABRANET® SOFT

Abranet Soft is a combination of a multifunctional net abrasive and a thin foam layer. The foam layer and open structure provide flexibility that allows the material to easily follow surface contours and minimises clogging. Since dust collects in the foam layer during sanding, the result is a smooth surface finish. Abranet Soft is suitable for pre-polishing lacquered surfaces, while coarser grits can be used for intermediate sanding of lacquered wooden surfaces by hand. Recommended for wet sanding.

TECHNICAL SPECIFICATIONS	
Bonding	Resin
Grain	Aluminium oxide
Coating	Closed
Colour	Maroon
Grit range	P320, P500, P800, P1000
Backing	PA net/foam/velour
Available as	 



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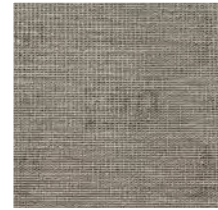


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AUTONET®

Autonet is specially developed for the automotive refinishing industry. A combination of high performance and a longer lifespan than traditional abrasives gives a cost-effective solution. Designed for dry sanding by machine or by hand, its true dust-free sanding characteristics result in a cleaner work environment, as well as a better surface finish.



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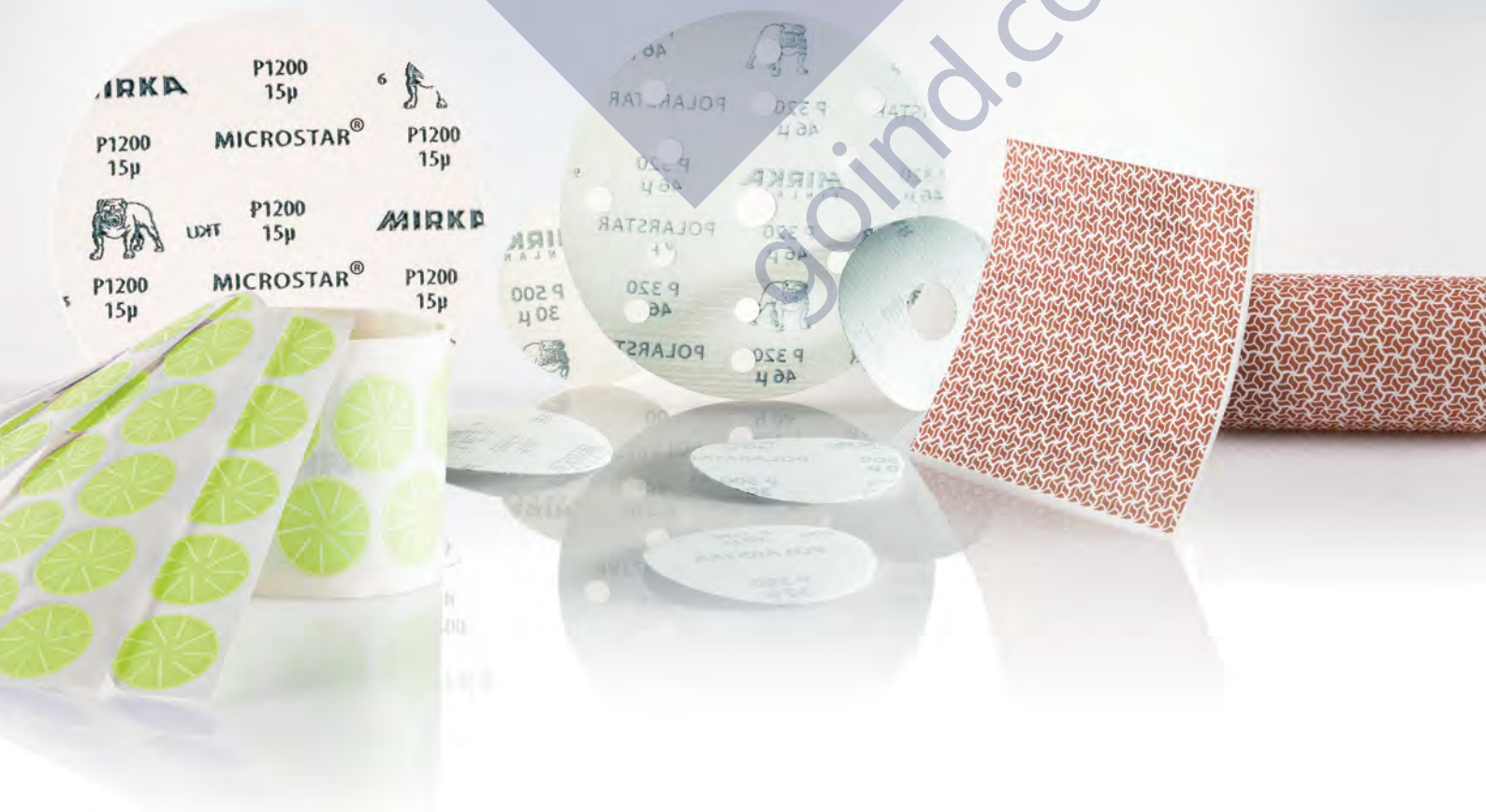
TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Grey
Grit range	P80, P120-P320, P400-P800
Backing	PA net / PES net
Available as	



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— **FILM** ABRASIVES

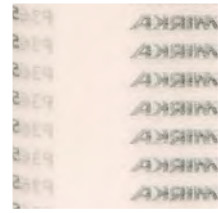
Mirka's film abrasives have been specifically developed to efficiently tackle the latest demanding coating applications and use a polyester film backing material (in contrast to paper) to create a more flexible and much smoother abrasive surface. As a result the abrasives produce a finer, more consistent surface finish more quickly and, because it also has excellent resistance to clogging, it lasts longer, too.



MI231A

This micro-finishing film product is designed for the surface finishing of industrial rollers and automotive parts (crankshafts and camshafts). Depending on the application, there are two thicknesses of anti-slip backing film material available, 3 MIL or 5 MIL. MI231A is manufactured to the highest standard using the most technically advanced materials and processes, capable of producing a consistently high quality film product. MI231A has a semi-open grain distribution that will resist surface loading and produce consistently fine surface scratch patterns during use. Application can be wet with lubricants or dry.

TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Aluminium oxide
Coating	Semi-open
Colour	White
Grit range	9µ (P2500), 15µ (P1200), 20µ (P800), 30µ (P500), 40µ (P360)
Backing	3 MIL, 5 MIL Polyester film
Available as	



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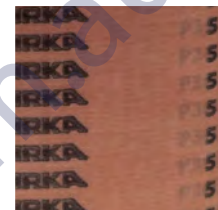






MI231C

This micro-finishing film product is designed for the surface finishing of industrial rollers. The material is available on a 5 MIL antislip backing. MI231C is manufactured to the highest standard using the most technically advanced materials and processes, capable of producing a consistently high quality film product. MI231C has a semi-open grain distribution. Application can be wet with lubricants or dry.


TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Aluminium oxide with ceramic coating
Coating	Semi-open
Colour	Red
Grit range	20µ (P800), 30µ (P500), 40µ (P360), 60µ (P220), 80µ (P180)
Backing	5 MIL Polyester film
Available as	



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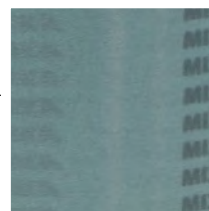



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MI231G

This micro-finishing film product is designed for the surface finishing of industrial rollers, with a focus on softer surfaces. Depending on the application, there are two thicknesses of anti-slip backing film material available, 3 MIL or 5 MIL. MI231G is manufactured to the highest standard using the most technically advanced materials and processes, capable of producing a consistently high quality film product. MI231G has a semi-open grain distribution that will resist surface loading and produce consistently fine surface scratch patterns during use. Application can be wet with lubricants or dry.




TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Silicon carbide
Coating	Semi-open
Colour	Green
Grit range	15µ (P1200), 20µ (P800), 30µ (P500), 40µ (P400)
Backing	3 MIL, 5 MIL Polyester film
Available as	

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MI232C

This micro-finishing film product is designed for the surface finishing of industrial rollers and automotive parts (crankshafts and camshafts). The material is available on a 5 MIL anti-slip backing. MI232C is manufactured to the highest standard using the most technically advanced materials and processes, capable of producing a consistently high quality film product. MI232C has a semi-open grain distribution, which in combination with a designed cross pattern* makes the product resist surface loading and produce consistently fine surface scratch patterns during use. Application can be wet with lubricants or dry.




TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Aluminium oxide with ceramic coating
Coating	Semi-open on a cross-shaped coating pattern
Colour	Red
Grit range	20µ (P800), 30µ (P500), 40µ (P360)
Backing	5 MIL Polyester film
Available as	

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MI241D

This slurry-coated diamond film product is designed for very hard surfaces such as carbide, ceramics, composites and hardened metals. The material is available in a 5 MIL film in grit 60µ and in a 3 MIL film in grits 45µ, 30µ, 15µ, 9µ and 3µ. The grits are colour-coded. MI241D is manufactured with precisely graded diamonds producing a consistently high quality film product. MI241D has a smooth and strong polyester film backing to provide a consistent surface finish.




TECHNICAL SPECIFICATIONS	
Bonding	Resin bonded
Grain	Diamond
Coating	Slurry
Colour	Colour-coded grits
Grit range	60µ (champagne), 45µ (copper), 30µ (lime-green), 15µ (sandstone), 9µ (royal blue) and 3µ (coral)
Backing	Polyester film
Available as	

SUITED FOR



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MICROSTAR®


A general-purpose abrasive film product, designed for matting 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 intended for dry sanding only.




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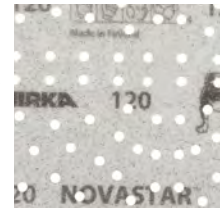
TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Aluminium oxide
Coating	Semi-open
Colour	White
Grit range	P800–P2500
Backing	Polyester film
Available as	



NOVASTAR

Mirka's new Novastar abrasive has been developed with high-quality surfaces in mind. Thanks to extensive R&D, this film abrasive is like no other sandpaper on the market. With precision and care we have created a mix of grains, which guarantee an outstanding result with less effort and in shorter time. Multihole perforation and an anti-clogging stearate coating gives Novastar dust-repellent qualities, making it easier to use over a longer lifetime. If a stellar finish is what you are after, Novastar is for you.

TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Ceramic / Alox
Coating	Semi-open
Colour	Grey
Grit range	80 – 600
Backing	Polyester film
Available as	




SUITED FOR

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POLARSTAR®

Especially developed to efficiently tackle the latest demanding coating applications, Polarstar quickly produces a fine, consistent surface finish and combines that with superb durability due to an excellent resistance to clogging. The polyester film backing material creates a more flexible and much smoother abrasive surface, compared to paper backing. In particular, it offers outstanding performance on hard tooling gel coats and scratch-resistant clear coats.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide (P320–P600)/Silicon carbide (P800–P1500)
Coating	Semi-open
Colour	Green
Grit range	P320–P1500
Backing	Polyester film
Available as	



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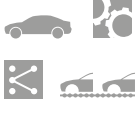
POLARSTAR® SR

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


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Defined mono-layer coating technology
Colour	Pale yellow (SR3), Mint green (SR5), Lilac (SR7)
Grit range	3 micron (eqv. to 5000), 5 micron (eqv. to 3000), 7 micron (eqv. to 2500)
Backing	Polyester film
Available as	



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POLARSTAR® SR SIC

Polarstar SR5 silicone carbide is a high-technology micro product produced by Mirka. This innovative curing technology is energy-saving with a low carbon footprint. This new abrasive film is mainly developed for spot repair, used at car plants in the finessing- and hospital area of the paint shops. The Polarstar SR5 SIC film abrasive is also used in the automotive refinishing processes. This product is primarily designed for wet sanding, for correction of small painting defects and removal of dust particles in top coats and clear coats. Suitable for both machine and hand sanding.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Silicon Carbide
Coating	Defined mono-layer coating technology
Colour	Lilac
Grit range	5 micron (eqv. to 3000)
Backing	Polyester film
Available as	



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— FABRIC ON FOAM ABRASIVES

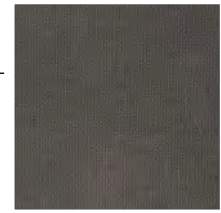
Specifically developed for surface preparation and finishing prior to polishing. Used in this mode Abralon produces an ultra-fine, consistent surface finish that is perfect for speeding up the polishing process.




ABRALON®

Abralon is a unique, multifunctional sanding material developed for tackling both smooth and profiled surfaces. Its patented, flexible construction allows it to create a smooth sanding pattern on angled surfaces and edges while minimising the risk of pressure marks. The flexible weave also allows water and air to pass freely, making it suitable for both dry and wet sanding, by machine or by hand.


TECHNICAL SPECIFICATIONS	
Bonding	Special resin
Grain	Silicon carbide
Coating	Special Abralon® method
Colour	Grey
Grit range	180, 360, 500, 600, 1000, 2000, 3000, 4000
Backing	Knitted fabric on foam
Available as	



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ABRALON J3

Abralon J3 is a unique multifunctional Abralon abrasive for an ultrafine surface finish for both smooth and profiled surfaces. J3 has a higher density foam layer which is only 3 mm thick. Recommended for high gloss applications, leaving a very smooth surface prior to polish. Abralon J3 is suitable for all kinds of material, both smooth and profiled surfaces. Its flexible weave allows water and air to pass freely, suitable for both dry and wet sanding.


TECHNICAL SPECIFICATIONS	
Bonding	Special resin
Grain	Silicon carbide
Coating	Special Abralon® method
Colour	Grey
Grit range	180, 360, 500, 600, 1000, 2000, 3000, 4000
Backing	Knitted fabric on foam
Available as	



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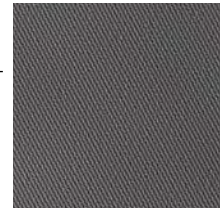


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ABRALON J5

Abralon J5 is a unique, multifunctional Abralon abrasive for an ultrafine surface finish. J5 has a higher density foam layer which is 5 mm thick. Removes minor defects and flattens the surface for a superior finish. Suitable for all kinds of material, both smooth and profiled surfaces. The flexible weave allows water and air to pass freely, suitable for both dry and wet sanding.



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TECHNICAL SPECIFICATIONS	
Bonding	Special resin
Grain	Silicon carbide
Coating	Special Abralon® method
Colour	Grey
Grit range	180, 360, 500, 600, 1000, 2000, 3000, 4000
Backing	Knitted fabric on foam
Available as	



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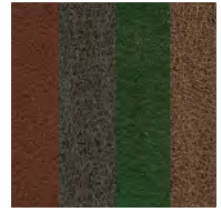
— NON-WOVEN ABRASIVES

Our non-woven product range is developed for contoured surface conditioning, cleaning and finishing.



MIRLON®

Thanks to its special structure, Mirlon is a flexible, three-dimensional fibre sanding material that's easy to use on profiled surfaces and produces an excellent finish. It's ideal for matting of surfaces and creates an excellent base for the next lacquer layer.



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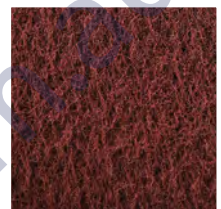
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TECHNICAL SPECIFICATIONS	
Bonding	Resin
Grain	Aluminium oxide (GP,VF)/Silicon carbide (UF,MF)
Coating	Three-dimensional
Colour	Green (GP)/Red (VF)/Dark grey (UF)/Brownish (MF)
Grit range	General Purpose – 320, Very Fine – 360, Ultra Fine – 1500, Micro Fine – 2000
Backing	Non-woven
Available as	



MIRLON® NC

Mirlon NC is a product in the Mirlon family and can be used for matting of aluminium and painted aluminium parts. The product can be used wet as well as dry. Mirlon NC is a grain-coated non-woven product suitable for both hand sanding and machine sanding in processes where the sanded material must not become contaminated by corroding agents. Thanks to the three-dimensional construction and the high flexibility the product is easy to use on rounded surfaces and profiles.



SUITED FOR

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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Red (VF)
Grit range	Very Fine – 360
Backing	Non-woven
Available as	



MIRLON TOTAL®

Developed using Mirka's innovative Total Coating™ Technology, Mirlon Total is more aggressive than Mirlon and produces a dense scratch pattern and rapid result. Suitable for use in wet and dry modes, it features an open and flexible structure and strengthened fibres which make it strong and long-lasting.



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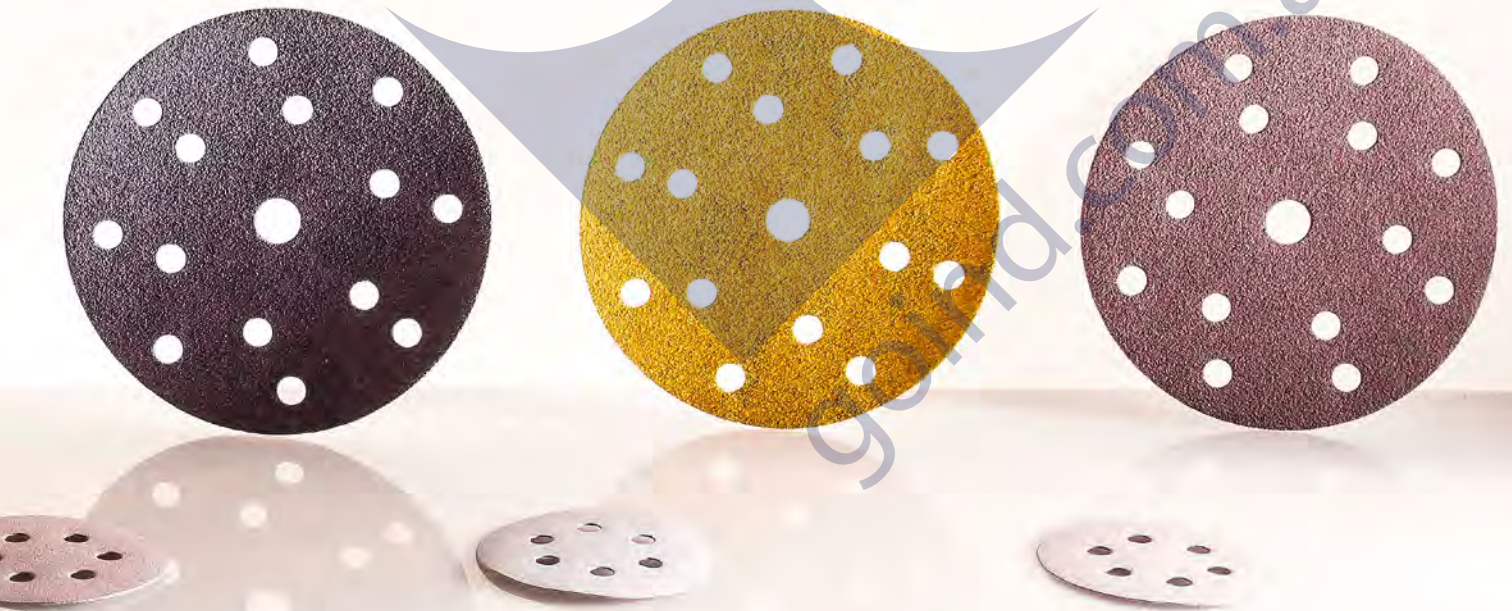
TECHNICAL SPECIFICATIONS	
Bonding	Resin
Grain	Aluminium oxide (VF)/Silicon carbide (UF,MF)
Coating	Three-dimensional Total Coating™
Colour	Red (VF)/Grey (UF)/Beige (MF)
Grit range	Very Fine – 360, Ultra Fine – 1500, Micro Fine – 2500
Backing	Non-woven
Available as	 



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— PAPER ABRASIVES

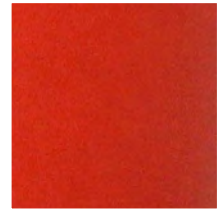
Mirka manufactures durable and high quality paper abrasives for achieving an optimal sanding result. All-round products for multi-purpose use and suitable for both machine- and hand sanding. Our wide product range covers the full scale from coarse to fine.



AVOMAX ANTISTATIC

Developed as an all-round product for various wood sanding applications. The open coating makes the product especially efficient for sanding materials that clog easily. The product works well for sanding soft materials and resinous wood types such as pinewood, while ensuring a long lifetime of the product and smooth surface finish. The strong antistatic paper provides dimensionally accurate and reliable wide belts. Full resin bonding and aluminium oxide grain guarantee a very durable product.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Open
Colour	Maroon
Grit range	P40, P60–P240, P320
Backing	Antistatic T-paper/F-paper
Available as	



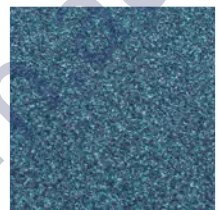
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BASECUT®

Basecut is the economical, high-efficiency choice for sanding paper. There are a host of productivity and efficiency features, including a high initial aggressive cut and a long working lifespan which ensures it's a cost-effective choice.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Blueish
Grit range	P40–P800
Backing	D-paper/C-paper/B-paper
Available as	



SUITED FOR

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CARATFLEX

A stearate-coated abrasive for dry sanding applications, Caratflex features fine stock removal, a uniform scratch pattern, a long lifespan and extremely good grain adherence. The backing consists of a flexible, latex-impregnated paper which is ideal for profile sanding.



SUITED FOR



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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Progressive Bond™
Grain	Silicon carbide
Coating	Semi-open
Colour	Grey
Grit range	P80–P320, P400
Backing	B-paper/A-paper
Available as	

COARSE CUT

A specially reinforced backing material and Mirka's Progressive Bond™ dust-binding technology, make Coarse Cut ideal for all kinds of coarse sanding work. Features include, flexibility on rounded surfaces, excellent edge wear resistance and minimal clogging.



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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Progressive Bond™
Grain	Aluminium oxide
Coating	Semi-open
Colour	Maroon
Grit range	P36–P40, P60–P150
Backing	Specially reinforced F–paper
Available as	



COMBI

Combi features premium quality paper and cloth backing materials which produce a product with excellent edge wear resistance and durability that make it ideal for long-lasting machine sanding.



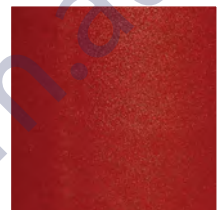
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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Silicon carbide
Coating	Open
Colour	Maroon
Grit range	P16–P36
Backing	Special reinforced combi-paper
Available as	

DEFLEX

This durable, long-lasting sanding material is a multifunctional product that's adaptable to suit most purposes. Deflex features a latex-impregnated paper which ensures smooth and flexible sanding even on surface edges.



SUITED FOR

READ MORE

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Maroon
Grit range	P40–P400
Backing	D-paper
Available as	



GOLD

This durable, all-round sanding material is very well suited for high speed sanding in a multitude of applications. Gold features semi-open and special stearate coatings designed to prevent clogging and pill forming which helps achieve an optimal sanding result.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P80-P800
Backing	D-paper/C-paper
Available as	



SUITED FOR

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GOLD MAX

Gold Max is a stearate coated paper abrasive for intermediate and fine sanding applications. The antistatic E-paper gives good strength and stability to the product. The heat treated aluminium oxide enables a high cut rate even on harder paints. The semi-open special coating minimises clogging and increases the sanding lifetime. The backing ensures a good stability and offers a smooth surface finish. Gold Max is suitable for paint and lacquer sanding.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Blue fired aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P240 - P800
Backing	Antistatic E-paper
Available as	




SUITED FOR

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GOLD NC

Gold NC has been developed for sanding of material that must not be contaminated with corrosive agents. The preparation of corrosion sensitive surfaces requires abrasive products which contain the lowest possible amount of heavy metals. Special procedures are applied throughout the production process of Gold NC to reduce the metal content. The tough, latex-coated base paper makes Gold NC a balanced, flexible product with good initial aggressivity and good durability. Gold NC has a surface layer of calcium stearate that provides good clogging resistance when sanding aluminium and when sanding other materials with high clogging tendency. Gold NC is suitable for sanding of aluminium and painted aluminium parts within the automotive industry.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Open
Colour	Gold
Grit range	P80-P600
Backing	D-paper/C-paper
Available as	



SUITED FOR





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GOLD PROFLEX

Gold Proflex is a stearate-coated abrasive paper for dry hand sanding of wood, fillers, paints and lacquers. The backing consists of a flexible, latex-impregnated paper that provides the desired flexibility and conformity in profile sanding operations as well as on flat surfaces. The paper has an anti-slip coating on the back side in order to provide good grip and feel during sanding. Gold Proflex has aluminium oxide grain, which provides a good cut and an excellent scratch pattern.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P80-P800
Backing	C-paper/B-paper
Available as	 



SUITED FOR



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GOLD SOFT


Gold Soft is a sanding disc, with optimal foam thickness. The semi-open grain coating minimises dust clogging and gives better cutting performance. The soft backing gives an excellent paint finish. A softer disc edge eliminates damages on profile sanding. Gold Soft P500 is suitable for primer sanding applications and P800 for matting clear coats.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P320, P500, P800
Backing	C-paper with PE Foam
Available as	



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



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GOLDFLEX


Especially suited to profiled surfaces, Goldflex is a light, flexible latex paper for dry sanding. Its special stearate coating prevents clogging and pill forming.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P150–P320, P400–P500
Backing	A-latex paper
Available as	 



 SUITED FOR





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GOLDFLEX SOFT

The soft and flexible Goldflex Soft has been developed for sanding profiled surfaces and irregular, difficult-to-reach details by hand. Goldflex Soft is especially useful within the automotive industry and the car repair branch. The foam base is grip-friendly and applies pressure evenly, which reduces the risk of sanding through the surface. The special stearate coating prevents clogging. Suitable for dry sanding.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Gold
Grit range	P150–P320, P400–P1000
Backing	A-latex paper, PE foam
Available as	 



SUITED FOR





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HIFLEX

Designed for automotive and wood applications, Hiflex features Mirka's Progressive Bond™ binding technology which makes it flexible and tear-resistant, whilst ensuring a high stock removal and excellent results. It's suitable for hand sanding operations and is available in sheets and rolls.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Progressive Bond™
Grain	Aluminium oxide
Coating	Semi-open
Colour	Maroon
Grit range	P40, P60–P220
Backing	C-latex paper
Available as	 



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HIOMANT

Suitable for sanding by hand or light machine, Hiomant offers effective stock removal and sanding results, combined with long-term durability thanks to excellent edge wear resistance and minimal clogging.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Yellow
Grit range	P40–P180, P240
Backing	E-paper/D-paper
Available as	 



SUITED FOR








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IRIDIUM

Efficiency and speed were our lodestars when Mirka's new Iridium abrasive was developed. Thanks to extensive R&D, this paper-backed abrasive is like no other sandpaper on the market. With precision and care we have created a mix of grains, which guarantee an outstanding result with less effort and in shorter time. Multihole perforation and an anti-clogging stearate coating gives Iridium dust-repellent qualities, making it easier to use over a longer lifetime. For a dazzling performance and brilliant finish, select Iridium.


TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Ceramic / Alox
Coating	Semi-open
Colour	Silverish
Grit range	P40–P1000
Backing	Latex C-paper
Available as	    



SUITED FOR



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JEPUFLEX ANTISTATIC

A high class abrasive product with a wide application area. The focus of the optimisation work has been the sanding of hard wood such as beech, birch and oak. The strong antistatic paper provides dimensionally accurate and reliable wide belts. Full resin bonding and aluminium oxide grain guarantee a very durable product. Silicon carbide grain used in the coarsest grit gives extra strength to the product. These qualities together with a well-adjusted coating density make Jepuflex Antistatic a genuine all round product that works well also on metal, plastic and lacquer.



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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide/Silicon carbide
Coating	Closed
Colour	Maroon
Grit range	P36-P400
Backing	Antistatic T-paper/F-paper
Available as	

MIROX

This universal paper for sanding by hand is economical to use and has a flexible construction which makes Mirox suitable for sanding both flat and profiled surfaces. The semi-open coating prevents clogging and guarantees a high quality surface finish.



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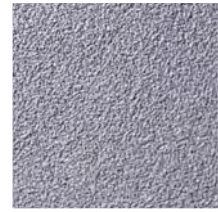
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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Yellow
Grit range	P40-P180, P240
Backing	D-paper/C-paper/B-paper
Available as	



Q.SILVER®

With a backing consisting of a flexible and strong latex-impregnated paper, Q.Silver features optimal aggressivity, resulting in fast and efficient stock removal. The high heat endurance of this fully resin-bonded abrasive makes it ideal for tough tasks, such as 'down-to-metal' sanding operations.



SUITED FOR

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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide (P80–P500)/Silicon carbide(600–1500)
Coating	Semi-open
Colour	Blueish
Grit range	P80–P320, P400– P500, 600–1500
Backing	D-paper/C-paper/B-paper
Available as	



Q.SILVER® ACE

Q.Silver Ace is a ceramic premium abrasive with paper backing for tougher universal sanding. The ceramic grains give a boost, especially when sanding harder applications and a strong resin bonding gives good grip adhesion to the backing.



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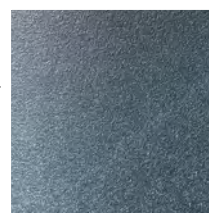
TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Ceramic (P80– P320)/Ceramic coated aluminium oxide (P400–P800)
Coating	Semi-open
Colour	Plum
Grit range	P80–P800
Backing	Latex paper, D-paper/C-paper
Available as	






SICA CLOSED


Designed for belt sanding and sanding of MDF and other materials containing mineral debris, Sica Closed is a fully antistatic product that's suitable for materials covered with water-based surface treatment coatings. It maintains its shape well and the silicon carbide grains produce less fibre rising and a finer scratch pattern than products using aluminium oxide grains. The result is a smoother sanded surface and a better final finish after surface treatment.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Antistatic
Grain	Silicon carbide
Coating	Closed
Colour	Black
Grit range	P80-P220
Backing	Antistatic F-paper
Available as	





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SICA COARSE


Thanks to its ability to maintain uniform stock removal over its lifespan, Sica Coarse is ideal for calibration sanding of wood and MDF. Silicon carbide grains provide long-lasting durability when performing heavy sanding operations and the open coating and antistatic characteristics minimise dust loading and prevent clogging.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Silicon carbide
Coating	Open
Colour	Black
Grit range	P40-P60
Backing	Antistatic T-paper
Available as	 




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SICA FINE

Sica Fine is a fully antistatic product which minimises dust load and helps produce a high-quality surface finish. For example, it results in a perfect finish after surface treatment with a top lacquer – it even minimises lacquer usage.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Antistatic
Grain	Silicon carbide
Coating	Semi-open
Colour	Black
Grit range	P240–P320, P400–P800
Backing	Antistatic E-paper
Available as	




SUITED FOR 

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SICA FINE STEARATE

Sica Fine Stearate is a fully antistatic, 'stearate' product which produces minimal dust load and a high-quality surface finish. For example, you can expect a perfect result after surface treatment with a top lacquer – it even minimises lacquer usage. Also available as Sica Fine without stearate.

TECHNICAL SPECIFICATIONS	
Bonding	Stearate-coated resin over resin/Antistatic
Grain	Silicon carbide
Coating	Semi-open
Colour	Grey
Grit range	P240–P320, P400–P800
Backing	Antistatic E-paper
Available as	



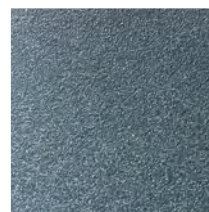
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SICA OPEN

Sica Open is the recommended solution for sanding soft, resin-rich wood types. The open coating and completely antistatic backing material and layers limit dust loading and prevent clogging which improves product lifespan. In addition, silicon carbide grains produce a smoother scratch pattern and a higher surface gloss level than aluminium oxide-based sanding materials.



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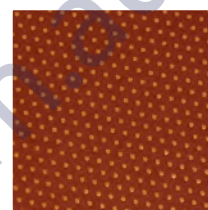
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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Antistatic
Grain	Silicon carbide
Coating	Open
Colour	Black
Grit range	P80–P180
Backing	Antistatic F-paper
Available as	



ULTIMAX®

Manufactured using a unique production process called 'Selective Coating® Technology' Ultimax features a series of tiny cavities designed into the abrasive material which work to efficiently prevent clogging. This innovative new technology, along with special abrasive grains, produces aggressive performance and excellent edge wear resistance while keeping the sanding surface cool. Together these features ensure a longer lifespan and reduced material usage per job. Ultimax is a thick and sturdy abrasive.



SUITED FOR


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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed with Selective Coating®
Colour	Brown
Grit range	P40–P320
Backing	Antistatic T-paper/F-paper
Available as	




ULTIMAX® LIGNO

Ultimax Ligno is tailored for wood sanding applications. It combines a fast cut with long life, thanks to especially good resistance to clogging when sanding substrates. The hourglass pattern ensures optimal cutting performance with consistent results. The segmented surface increases sanding pressure on each abrasive grain. To resist clogging and speed up the cutting process, Ultimax Ligno utilizes Mirka's groundbreaking Multifit hole pattern. Its dust channels leading to extraction holes take control of dust, keeping the abrasive grains cutting, and as air circulates under the abrasive it reduces heat during sanding. Mirka used latex-impregnated paper for the Ultimax Ligno, ensuring durability and flexibility.


TECHNICAL SPECIFICATIONS	
Bonding	Low VOC resin system
Grain	Ceramic / Aluminium oxide
Coating	Semi-open with Selective Coating®
Colour	Red
Grit range	40 – 400
Backing	Latex paper, D-paper / C-paper
Available as	



SUITED FOR




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UNIMAX®

An all-round wood sanding product, Unimax maintains its shape and is completely antistatic. This reduces the belt dust load and minimises clogging which helps the machine stay cleaner and improves work safety while increasing belt lifespan.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin/Antistatic
Grain	Aluminium oxide
Coating	Semi-open
Colour	Black
Grit range	P80–P220
Backing	Antistatic F-paper
Available as	



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WPF

WPF is the recommended product for manual wet sanding of plastics, lacquers and composite materials. The product features a latex-impregnated paper backing material and extra durable coating which helps produce a high quality finish, even on coarser surfaces. The range also includes small corrective sanding discs and roses used for spot repair. P3000 is available as corrective sanding discs only.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide (P80–P360)/Silicon carbide (P400–P3000)
Coating	Closed
Colour	Black, Blue (P3000)
Grit range	P80–P3000
Backing	C-paper/B-paper
Available as	



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WPF NEXT GEN.

WPF Next Gen is the ideal paper abrasive for effective hand sanding both wet and dry on multiple surfaces. It is very flexible, fully waterproof and has great grain adhesion. Produced with new coating technology, the abrasive surface does not clog up easily, so you can sand faster and the abrasive lasts longer. Especially recommended for automotive refinishing due to the consistent surface finish. The finer grits are optimal for fresh clear coats and make polishing easier.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Green/Yellow
Grit range	P60–P2500
Backing	B-paper
Available as	



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— CLOTH ABRASIVES

When sanding between coats or around profiles within the wood industry, it is important to use a material that is both light and has a flexible backing. Backing material made of cloth-woven thread is often stronger and more stable than e.g. paper. Cloth can be either rigid or flexible depending on the construction.





ALOX

Combining durability with flexibility, Alox is well suited to sanding by hand. With its excellent cutting qualities, this is an all-round sanding material that produces a high quality surface finish.



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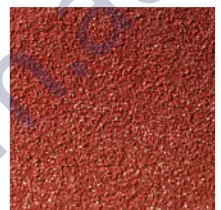
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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Maroon
Grit range	P60-P180, P240, P320, P400
Backing	Cotton cloth
Available as	 





HIOLIT JF

Hiolit JF is a new cloth backed product targeted towards wood and metal sanding application. The product has a flexible backing making it optimal for profile sanding, seams, edges and other applications where a flexible product with high edge wear is needed. The semi-open coating makes the product universal and especially suited for soft and clogging materials.



SUITED FOR


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TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Semi-open
Colour	Maroon
Grit range	P60-P240, P320, P400
Backing	J-weight cotton cloth
Available as	 



HIOLIT XO

Hiolit XO is a semi-open stiff universal abrasive for belt sanding and other machine sanding where it has excellent edge wear resistance and durability. In particular, it produces high quality results on challenging materials – for example, grits 36–80 are suitable for aggressive sanding, such as severe rust damage, as well as other sanding operations where large amounts of material need to be removed.

TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Blue fired aluminium oxide
Coating	Semi-open
Colour	Maroon
Grit range	P36–P240
Backing	Polyester cloth P36–P80 X-weight cotton cloth P100–P240
Available as	



SUITED FOR




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MIRKON

A tough and durable sanding material, Mirkon is perfectly suited to the aggressive machine sanding of metal. Thanks to its polyester-based cloth material it's highly durable and can take plenty of tough treatment. It's also very aggressive for calibration sanding.


TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Zirconium oxide
Coating	Closed
Colour	Blue
Grit range	P24–P80, P120
Backing	Polyester cloth
Available as	



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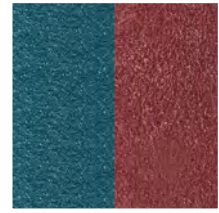

FIBER ABRASIVES

Resin fiber abrasives use a multilayer, heavy-duty vulcanized fiber backing and full resin bond coat to resist loading, glazing and grain stripping.



FIBER A

Fiber A discs have the durability and flexibility needed for sanding difficult surfaces. For example, they feature firm dust-binding properties which are essential when removing lacquer and rust or when sanding down welding seams.



TECHNICAL SPECIFICATIONS	
Bonding	Resin over resin
Grain	Aluminium oxide
Coating	Closed
Colour	Maroon (aluminium oxide), Blue (zirconium oxide)
Grit range	P16-P120 Aluminium oxide P24, P36, P60, P80 Zirconium oxide
Backing	Vulcanized fibre
Available as	

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France Mirka France Sarl

Germany Mirka GmbH

India Mirka India Pvt Ltd

Italy Mirka Italia s.r.l., Mirka Superabrasives S.p.A

Mexico Mirka Mexicana S.A. de C.V.

Netherlands Mirka Benelux B.V

Poland Mirka Poland Sp. z o.o

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Sweden Mirka Scandinavia AB

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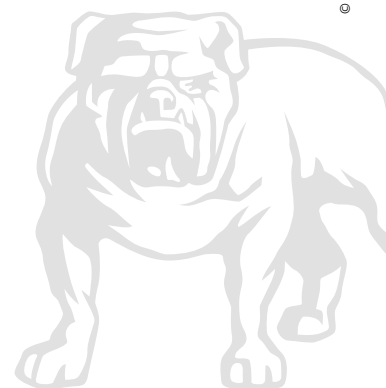
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