

**MIRKA**

**Solid  
Surface  
Solutions**



# Mirka Solid Surface Solutions

Solid surface materials are today used a lot in interior design. These materials are integrated in kitchens, bathrooms, furniture, public areas among others. The solid surface materials set new standards on the products used for surface finishing.

Mirka offers a total solution for finishing of various solid surface materials. The customer focused approach taken by us has resulted in development of many unique solutions for the customers. Our state of the art MIRKA® DEROS sander in combination with Abranet® gives a dust-free sanding experience.



## Solution for Large Areas



- The MIRKA® DEROS system offers efficient sanding on large areas.
- The light weight machine is easy to operate on both flat and vertical surfaces.
- The low profile gives high control over the sanded surface.
- The result is a smooth surface finish.

 Bluetooth®

## Solution for Small Areas



- The MIRKA® AOS system is developed for sanding hard to reach details.
- The low profile sander is easy to use in tight spaces.
- Used with Abranet® net abrasives enables high cutting power despite the small size.
- Leaves a smooth surface finish.
- Use Abranet® and Abralon® 34 mm.



# Abrasive Recommendations

## Abranet®

- Multifunctional, dust-free net product results in cleaner work environment.
- Especially developed for sanding putty, primers, lacquers, composite materials.
- High performance and long life-span.
- Designed for dry sanding by machine or by hand.

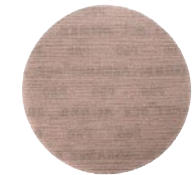
Technical Specifications	
<b>Bonding</b>	Resin over resin
<b>Grain</b>	Aluminium oxide
<b>Coating</b>	Closed
<b>Color</b>	Brownish
<b>Grit range</b>	P80–P180, P240, P320–P1000
<b>Backing</b>	PA net



## Abranet® Ace

- The unique ceramic dust-free experience.
- Recommended for various solid surface types.
- The ceramic grains give excellent cutting properties and long life.
- Suitable for all sanders despite different hole configuration.

Technical Specifications	
<b>Bonding</b>	Resin over resin
<b>Grain</b>	Ceramic (P80–P240)/ Ceramic coated (P320–P1000)
<b>Coating</b>	Closed
<b>Color</b>	Light maroon
<b>Grit range</b>	P80–P180, P240, P320–P1000
<b>Backing</b>	PA net/PES net



## Abralon®

- A unique, multifunctional sanding material.
- Developed for tackling both smooth and profiled structures.
- Leaves a smooth surface finish.
- Use as last sanding step to achieve the desired finish.

Technical Specifications	
<b>Bonding</b>	Special resin
<b>Grain</b>	Silicon carbide
<b>Coating</b>	Special Abralon® method
<b>Color</b>	Grey
<b>Grit range</b>	180, 360, 500, 600, 1000, 2000, 3000, 4000
<b>Backing</b>	Knitted fabric on foam



# Abrasive Recommendations

## Novastar

- Premium film abrasive for demanding applications
- Dust-repellent thanks to its mix of grains.
- Great durability and excellent edge wear resistance.
- Fully waterproof

Technical Specifications	
<b>Bonding</b>	Low VOC resin system
<b>Grain</b>	Ceramic/Aluminium oxide
<b>Coating</b>	Semi-open
<b>Color</b>	Transparent
<b>Grit range</b>	80-180, P240-P600
<b>Backing</b>	Polyester film



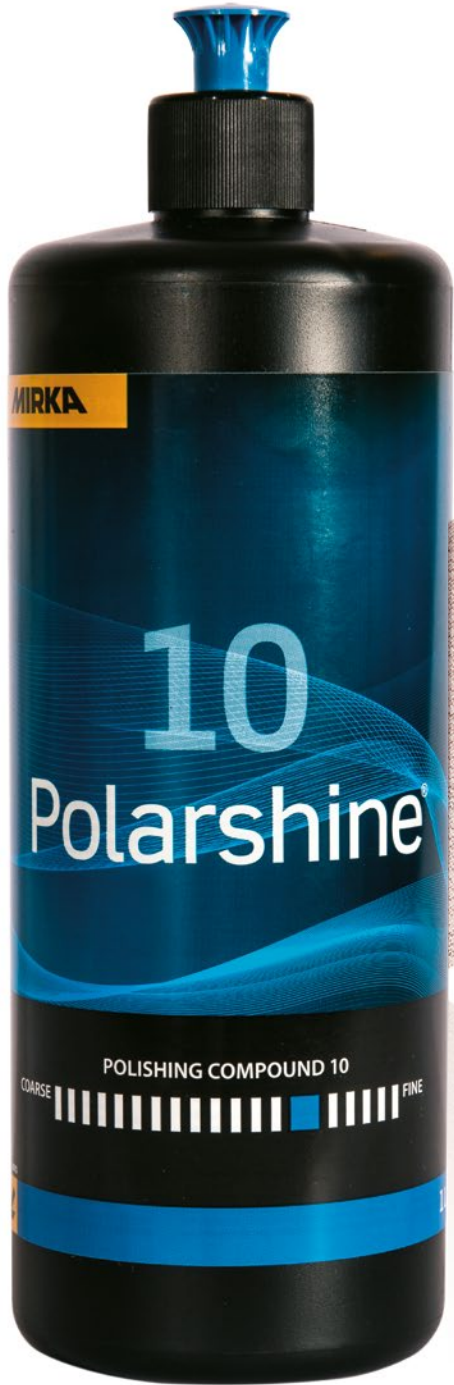
## Ultimax®

- Aggressive performance and efficient clogging prevention.
- Excellent edge wear resistance.
- Keeps the sanded surface cool.

Technical Specifications	
<b>Bonding</b>	Resin over resin
<b>Grain</b>	Aluminum oxide
<b>Coating</b>	Closed with Selective Coating™
<b>Color</b>	Brown
<b>Grit range</b>	P40 – P320
<b>Backing</b>	Antistatic T-paper/F-paper



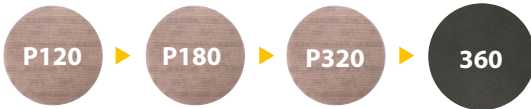




# SOLID SURFACE PROCESS

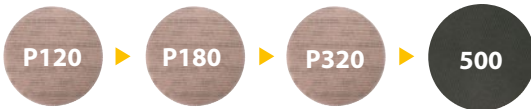
## MATT FINISH

Use following grits of net abrasives. Finish with Abralon® (damp).



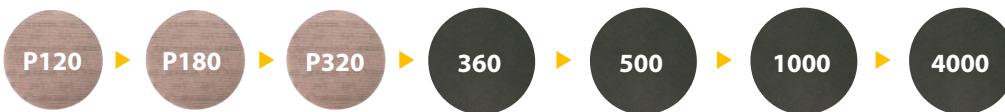
## SATIN FINISH

Use following grits of net abrasives. Finish with Abralon® (damp).



## GLOSSY FINISH

Use following grits of net abrasives. Finish with Abralon® (damp).



## HIGH GLOSS FINISH

Use following grits of net abrasives. Continue with Abralon® (damp) and finish with Polarshine® 10 and lambswool pad.

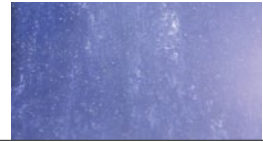




# FOR NOVASTAR

## MATT FINISH

Use following grits of Novastar. Finish with Mirlon VF.



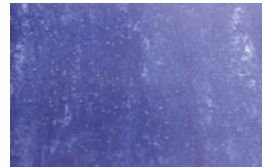
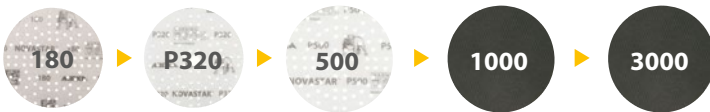
## SATIN FINISH

Use following grits of Novastar. Finish with Mirlon VF and Mirlon Total XF, together with Spacer interface.



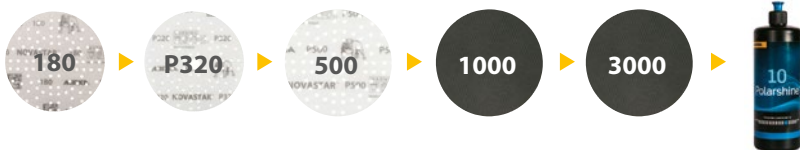
## GLOSSY FINISH

Use following grits of Novastar. Finish with Abralon (damp) together with Spacer interface.



## HIGH GLOSS FINISH

Use following grits of Novastar. Continue with Abralon together with Spacer interface. Finish with Polarshine 10 and lambswool pad.





# MIRKA® DEROS



- Light weight and ergonomic electric random orbital sander.
- Integrated vibration sensor and Bluetooth low energy technology
- Strong brushless motor for effective and dust-free sanding of all kind of surfaces.
- Easy to use.





Technical data	Mirka® Deros 550CV	Mirka® Deros 5650CV	Mirka® Deros 625CV	Mirka® Deros 650CV	Mirka® Deros 680CV
<b>Code</b>	MID5502022	MID5650202CA	MID6252022	MID6502022	MID6802022
<b>Size</b>	125 mm (5")	150 mm (6")	150 mm (6")	150 mm (6")	150 mm (6")
<b>Mains frequency</b>	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
<b>Power input</b>	350 W	350 W	350 W	350 W	350 W
<b>Voltage mains supply</b>	220–240 V~	220–240 V~	220–240 V~	220–240 V~	220–240 V~
<b>Speed</b>	4,000 - 10,000 rpm	4,000 - 10,000 rpm	4,000 - 10,000 rpm	4,000 - 10,000 rpm	4,000 - 10,000 rpm
<b>Orbit</b>	5.0 mm	5.0 mm	2.5 mm	5.0 mm	8.0 mm
<b>Weight</b>	1.0 kg	1.0 kg	1.0 kg	1.0 kg	1.1 kg
<b>Height</b>	95 mm	95 mm	95 mm	95 mm	95 mm
<b>Noise level, LpA</b>	71 dB(A)	71 dB(A)	71 dB(A)	71 dB(A)	71 dB(A)
<b>Vibration level</b>	3.2 m/s <sup>2</sup>	3.4 m/s <sup>2</sup>	2.4 m/s <sup>2</sup>	3.4 m/s <sup>2</sup>	3.5 m/s <sup>2</sup>
<b>Size of pad</b>	125 mm (5")	150 mm (6"), 125 mm (5")	150 mm (6")	150 mm (6")	150 mm (6")
<b>Dust system</b>	Central vacuum ready	Central vacuum ready	Central vacuum ready	Central vacuum ready	Central vacuum ready
<b>Packaging</b>	Cardboard box	Mirka case	Cardboard box	Cardboard box	Cardboard box



Technical data	Mirka® Deros 325CV	Mirka® Deros 350CV
<b>Power input (W)</b>	250	250
<b>Voltage main supply</b>	220–240	220–240
<b>Speed (rpm)</b>	4 000–10 000	4 000–10 000
<b>Orbit (in)</b>	3/32"	3/16"
<b>Orbit (mm)</b>	2.5	5
<b>Size of pad (mm)</b>	77	77
<b>Weight (kg)</b>	0.8	0.8
<b>Noise Level, LpA (dB)</b>	67	67
<b>Vibration level (m/s<sup>2</sup>)</b>	2.7	2.6
<b>Connectivity</b>	Bluetooth	Bluetooth
<b>Dust system</b>	Central vacuum ready	Central vacuum ready
<b>Packaging</b>	Cardboard box	Cardboard box
<b>Pad included (code)</b>	8294791211	8294791211
<b>Main frequency (Hz)</b>	50/60	50/60





## MIRKA® PROS

- Pneumatic random orbital sander designed in-house by the Mirka's industry leading design team.
- It is packed with clever features and attention to detail
- Efficient and effective sanding tool that is perfect for professional operators.
- Improved dust suction efficiency.
- Also available in other models, check the website for more information.



Technical data	Mirka® PROS 650CV
Code	8995650111
Size	150 mm (6")
Weight	0.93 kg
Air consumption	485 l/min
Working pressure	6.2 bar
Noise level, LpA	74.8 dBA
Vibration level	3.2 m/s <sup>2</sup>
Power	270 W
Speed	12,000 rpm
Orbit	5.0 mm
Size of pad	150 mm 48 holes 5/16" med + pad saver
Dust system	Central vacuum ready

## MIRKA® AOS-B / AROS-B

- Small, ergonomic and energy efficient spot repair sander
- Brushless motor with 3 mm and 5 mm orbit
- 10.8V Li-ion battery lasts up to 16 hours



Technical data	Mirka® AOS-B 130NV	Mirka® AROS-B 150NV
Code	8991230311	8991150311
Voltage	10.8 VDC	10.8 VDC
Speed	4,000 – 8,000 rpm	4,000 – 8,000 rpm
Orbit	3.0 mm (1/8")	5.0 mm (3/16")
Weight	0.57 kg	0.56 kg
Size of backing pad	Ø 32 mm (1 1/4")	Ø 32 mm (1 1/4")
Degree of protection	III	III

# MIRKA® DEOS



Technical Data	Mirka® DEOS 383CV	Mirka® DEOS 353CV
<b>Code</b>	MID3830201 MID3830201CA	MID3530201 MID3530201CA
<b>Size</b>	70 x 198 mm (3 x 8")	81 x 133 mm (3 x 5")
<b>Mains frequency</b>	50/60 HZ	50/60 HZ
<b>Power input</b>	250 W	250 W
<b>Voltage mains supply</b>	220 – 240 V ~	220 – 240 V ~
<b>Speed</b>	5,000 – 10,000 rpm	5,000 – 10,000 rpm
<b>Orbit</b>	3.0	3.0
<b>Weight</b>	1.0 kg	0.97 kg
<b>Height</b>	101 mm	101 mm
<b>Noise level, LpA</b>	71 db(A)	69 db(A)
<b>Vibration level</b>	2.6 m/s <sup>2</sup>	2.6 m/s <sup>2</sup>
<b>Size of pad</b>	70 x 198 mm + pad saver	81 x 133 + pad saver
<b>Dust system</b>	Central vacuum ready	Central vacuum ready
<b>Packaging</b>	MID3830201 packed in cardboard box MID3830201CA packed in plastic case	MID3530201 packed in cardboard box MID3530201CA packed in plastic case



# MIRKA® AROP-B / ARP-B

- Light, quiet and ergonomic cordless polisher
- Optimized for spot repair polishing
- Complete control with variable speed
- Bluetooth connectivity

Technical data	AROP-B 312 NV	ARP-B 300NV
<b>Code:</b>	8991012311	8991000311
<b>Voltage</b>	10.8 VDC	10.8 VDC
<b>Speed</b>	4,000 – 7,000 rpm	1,500 – 2,200 rpm
<b>Orbit</b>	2.0 mm (1/2")	0 mm
<b>Weight</b>	0,89 kg	0.87 kg
<b>Size of backing pad</b>	Ø 77 mm (3")	77 mm (3")
<b>Degree of protection:</b>	II	II

## MIRKA® PS 1437

- Electric polisher developed for polishing smaller areas.
- Use together with Mirka polishing pads and compounds for a perfect finish.



Technical data	Mirka® PS 1437
Code	8991300111
Mains supply	230 V ~
Power input	1400 W
Speed	1,100 – 3,700 rpm
Thread	M14
Noise level	84 dB
Weight	1.9 kg

## MIRKA® DUST EXTRACTOR 1230 L AFC

- Highly versatile industrial dust extractor for professional use.
- A professional dust extractor with a high performance motor and turbine.
- The AutoStart function increases the lifetime of the motor and reduces noise
- Auto-filter cleaning
- Hose and cable storage for more comfortable transportation.



Technical data	Mirka® Dust Extractor 1230 L AFC
Code	8999200111
Voltage mains supply	220 – 240 V~
Mains frequency	50/60 Hz
Power input	1200 W
Volume flow air	4500 l/min
Vacuum	250 mbar
Noise level, LpA	60 dBA
Tank volume	30 l
Dimension W x D x H	385 x 565 x 565 mm
Weight	14.5 kg
Filter cleaning system	Automatic Filter Cleaning

# MIRKA

**Mirka Ltd**  
Finland

**Brazil** Mirka Brasil Ltda.

**Belgium** Mirka Belgium Logistics NV

**Canada** Mirka Canada Inc.

**China** Mirka Trading Shanghai Co., Ltd

**Finland & Baltics** Mirka Ltd

**France** Mirka France Sarl

**Germany** Mirka GmbH

**India** Mirka India Pvt Ltd

**Italy** Mirka Italia s.r.l., CAFRO S.p.A

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

**Russia** Mirka Rus LLC

**Singapore** Mirka Asia Pacific Pte Ltd

**Spain** KWH Mirka Ibérica S.A.U.

**Sweden** Mirka Scandinavia AB

**Turkey** Mirka Turkey Zimpara Ltd Şirketi

**United Kingdom** Mirka (UK) Ltd

**United Arab Emirates** Mirka Middle East FZCO

**USA** Mirka USA Inc.

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